

Spring Commencement 2025



Applied Mathematics
UNIVERSITY OF COLORADO **BOULDER**

**Applied
Mathematics
Doctor of
Philosophy
Graduates**



Nuojin Cheng (Advisor: Alireza Doostan)
Thesis Title: *Bi-fidelity Uncertainty Quantification and Optimization*

Corbit R Sampson (Advisor: Juan Restrepo)
Thesis Title: *Complex Social Systems: Emergent Phenomena, Social Contagions, and Opinion Consensus*

Jacob Christian Spainhour (Advisor: Stephen Becker)
Thesis Title: *Computational Methods of Optimization and Geometry Processing for Physics Applications*

Sara Kauffman Tro (Advisor: Ian Grooms)
Thesis Title: *Effects of Ekman pumping in geophysical fluids*

Nuojin Cheng

Doctorate of Philosophy, Applied Mathematics

Starting a PhD during a global pandemic wasn't exactly on Nuojin's plan, but somehow, he survived. Nuojin's research focuses on uncertainty quantification and probabilistic machine learning, yet he still couldn't quantify the probability of finishing a paper before deadline. Nuojin enjoys hiking and skiing in Colorado, and often used them as excuses to procrastinate on research.

After graduation, Nuojin will continue his career at Google.



Special thanks to my parents, Wanchen, and two great advisors Alireza and Stephen for all their supports through this journey.



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Corbit R. Sampson

Doctorate of Philosophy, Applied Mathematics

Corbit R. Sampson has recently completed his doctoral dissertation “Complex Social Systems: Emergent Phenomena, Social Contagions, and Opinion Consensus” which presents a summary of his current and ongoing contributions to the field of opinion dynamics and social contagion theory.

“If all those around you believe some particular thing, you will soon be tempted to share in that belief.” - Frank Herbert, Children of Dune



Jacob Spainhour

Doctorate of Philosophy, Applied Mathematics

I'm incredibly grateful for the opportunities that I've been offered at CU Boulder. I'll always remember fondly the many different communities that I've been a part of, from Stephen's group in APPM to the Bottenus Lab in ME, from roommates and officemates to gym buddies and knitting friends.

I'm going to miss you all, but not as much as the snow.



A special thank you to my parents for their invaluable guidance, to my friends for their unwavering support, and to Nazli for always believing in me.

Sara Tro

Doctorate of Philosophy, Applied Mathematics

Graduate school at CU has been a wonderful experience! Through challenging coursework and research, I have felt encouraged to learn and grow. I have the best classmates and friends here, who have supported me and made graduate school fun. Outside of school, I have learned to love Colorado activities including camping, hiking, and skiing. I am looking forward to exploring what the future has to offer.



Special thanks to my advisors, Keith Julien and Ian Grooms, as well as to all of my friends and family for their support!

Master of Science Graduates

Ellery Galvin
Anna Elizabeth Hirschmann
Molly Noelle McFaul
Alexander Joseph Paradise

Professional Master of Science Graduates

Rahul Baikadi
Chris Hieu Doan
Connor Flaherty
Corbin Halliwill
Rucha Rajendra Khairnar
Peter Markley Kinder
Daniel Long
Hanna Marie McDonnell
Niharika Narasimhiah Govinda
Krithikesh Ravishankar
Dominic Rudakevych
Max Morgan Silver

Anna Hirschmann

Master of Science, Applied Mathematics

I am truly grateful to the Applied Mathematics faculty and staff for all their knowledge, encouragement and support throughout both my undergraduate and Master's degree. APPM is a truly special community that has allowed me to dive into my love of mathematics and data science with both my peers and professors. I look forward to continuing to apply my math in my career going forward!



Special thanks to my parents, my sister, and the rest of my family for their love and support throughout my academic career, and to my friends and professors for always standing behind me.



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Alexander Paradise

Master of Science, Applied Mathematics

I have deeply enjoyed my time at CU in Applied Math and will be moving on to pursue a career in secondary math education, with a hope to pass along my passion for math that was cultivated here in Boulder.



Thank you to my grandfather for his support and to my parents for their patience. Thank you to my advisor, Nancy Rodriguez, for pushing me to be better. Thank you to all of my friends from Applied Math and from the GBMB who made my time at CU worthwhile.

Master of Science Graduates

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Krithikesh Ravishankar
Dominic Rudakevych
Max Morgan Silver

Rahul Baikadi

Professional Masters of Science, Applied Mathematics

Over the past two years at CU, I've gained invaluable knowledge and experience that I believe will serve me well in my career. Congratulations to all my fellow graduates—wishing you continued success ahead!



I am deeply grateful to my parents and family for their constant support throughout my time at CU. Their encouragement and belief in me were truly the foundation of my journey.

Chris Doan

Professional Masters of Science, Applied Mathematics

I have spent the past 5 years here at CU Boulder in the Applied Mathematics department; I'm grateful for all the amazing people and professors I've met along the way, and was able to build a great community within APPM. I have had the privilege of playing for CU Men's Ultimate Frisbee team for past 5 years, where I've built some of my most meaningful friendships. These people have helped me grow not only as a teammate, but also a person with throughout my entire time here.



*I'd like to thank Kristopher Pruitt for being an amazing advisor and mentor during my time at CU.
I'd also like to thank my parents for their support and love for me and my goals, academically and personally.*

Connor Doyle Flaherty

Professional Masters of Science, Applied Mathematics

I am extremely grateful for my time with the Applied Mathematics Department at the University of Colorado Boulder. The faculty and staff have been nothing short of exceptional, teaching with enthusiasm and fastidiousness. Through completion of this program, I was able to develop a community of lifelong friends, colleagues, and mentors, as well as cultivate a passion for Quantitative Finance and Statistics, which I will expand upon throughout my career in the Quant industry.



I would like to thank my parents, Mark and Angela Flaherty, for their immeasurable love and support throughout my academic pursuits.

Rucha Khairnar

Professional Masters of Science, Applied Mathematics

My time at CU Boulder was defined by my role in the Ghost Project. Presenting our paper at IEEE MILCOM in Washington, D.C. was a proud moment. Huge thanks to the department for creating and enabling enough opportunities for me to gain experience and study invaluable concepts. I'm excited to continue my journey as an Energy Market Analyst.



*Grateful for my Parents, Family and all the friends
I made along the way!*

Peter Kinder

Professional Masters of Science, Applied Mathematics

Peter earned master's degrees in Applied Mathematics and Computer Science in just two years — the time typically required for a single master's degree. This summer, he looks forward to relaxing and recharging before embarking on his next adventure in the world of finance this August.



Special thank you to my Dad and Brother for your unwavering support throughout! Love you guys!

Hanna McDonnell

Professional Masters of Science, Applied Mathematics

I greatly enjoyed working Boeing on a Taxi Times project, making new friends, and exploring Colorado. I am excited for what lies ahead for my career and life!



Special thanks to my incredible family and friends, as well as Professor William Kleiber, for all they have done for me!



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Niharika Narasimhiah Govinda

Professional Masters of Science, Applied Mathematics

During my time in the program, I developed expertise in applied mathematics, machine learning, and data science. From tackling real-world problems through research to gaining hands-on experience with advanced modelling techniques, this journey has been both challenging and rewarding.

Excited for the next chapter in my career!



Special thanks to my family, friends, and Brian Zaharatos for their unwavering support and encouragement throughout this journey.

Krithikesh Ravishankar

Professional Masters of Science, Applied Mathematics

My time in the Applied Math department has been extremely rewarding, from working with Juan, to taking great classes and having office hours as a TA. I've also made amazing friends that I'll stay close with for a very long time.



Thanks to my advisor Juan Restrepo, all my professors, my family, and friends for their continued support.

Dominic Rudakevych

Professional Masters of Science, Applied Mathematics

After graduation, Dominic will go to Ft. Huachuca, AZ to complete Basic Officer Leadership Course (BOLC) as a First Lieutenant in the US Army. Dominic's thesis centered on using LSTM neural networks to improve force and moment estimation for aerocapture guidance and control. During his time in Colorado, Dominic competed in one classical chess tournament, two Jiu-Jitsu tournaments, and completed two half-marathons.



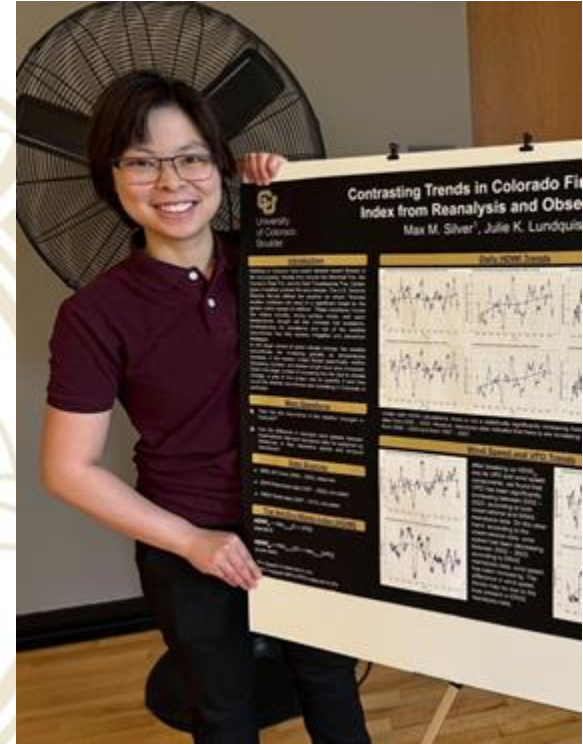
Thank you to my family for their unwavering support, Dr. Stephen Becker for laudable patience, and my friends for unforgettable memories. I couldn't have done this without you all.

Max Silver

Professional Masters of Science, Applied Mathematics

Max is back! Since we last heard from him, he has, most notably, published his first academic article and defended it as a Master's Thesis. However, he is probably more well-known in the department for having been the emcee at the most recent holiday party. His message to all the graduates is:

Congratulations, Class of $\lim_{x \rightarrow \infty} \left[\frac{1}{1 + e^{-x}} \times 2000 + 25 \right]$



*Thank you, everyone. It has been an adventure!
To those of you who have been at my side the entire
time, I appreciate you so much.*

Bachelor of Arts Statistics & Data Sciences

† A&S Honors Thesis
◆ Summa Cum Laude
* Magna Cum Laude
▽ Cum Laude

Iliana Aldana

Siena Rose Amorese †▽

Chun Ho Au-Yeung

Elizabeth Pender Bauhan

Will Garton Biancarelli

Ainsley Braunscheidel

Ella C Bronaugh

Ella Louise Cridland

Harrison Fagan

Akshat Aniruddha Gadgil

Steven A Habovstak

Will C James

Roberto Tobias Jimenez

Zachary Jordan

Joanna Esther Joseph

Andrew Davidson Jossi

Isabella Ann Dee Kindrick

Luna Aleksandra Kostic

Tetsuo Lo

Reza Naiman

Luke James Petet †◆

Brady Paul Schiff

Shrish Sharma

Srihari Srinivasan

Ayush Uniyal

Wiley Patrick Yankopoulos

Sienna Amorese

Bachelor of Arts, Statistics and Data Science

My biggest accomplishment at CU was discovering who I am, what I can do, and testing the strength of my character.

"And yet it moves." -Galileo Galilei



Thank you to my wonderful family, my best friend, and my boyfriend, who all have my back through anything

Pender Bauhan

Bachelor of Arts, Statistics and Data Science

Graduating from the University of Colorado with a degree in Data Science and Statistics and a minor in Business has been an incredible journey shaped by challenges and growth. One of my most meaningful experiences was serving as Director of Rituals for Delta Gamma. It taught me about leadership, tradition, and the importance of community.

During my internship last summer at Wiley Rein LLP, I saw firsthand how data can shape marketing strategies and impact real-world outcomes. This experience solidified my passion for data-driven problem solving and sparked my goal to pursue a career in marketing analytics after graduation.

I am incredibly thankful for the constant support from my mentors, professors, and family. CHEERS!



Thank you to my Mom and Dad for their constant support and encouragement. I am also incredibly thankful to my sister for always being in my corner. And to my professors for challenging me and guiding me through this experience.

Will Biancarelli

Bachelor of Arts, Statistics and Data Science

Unfortunately, I actually have to graduate.



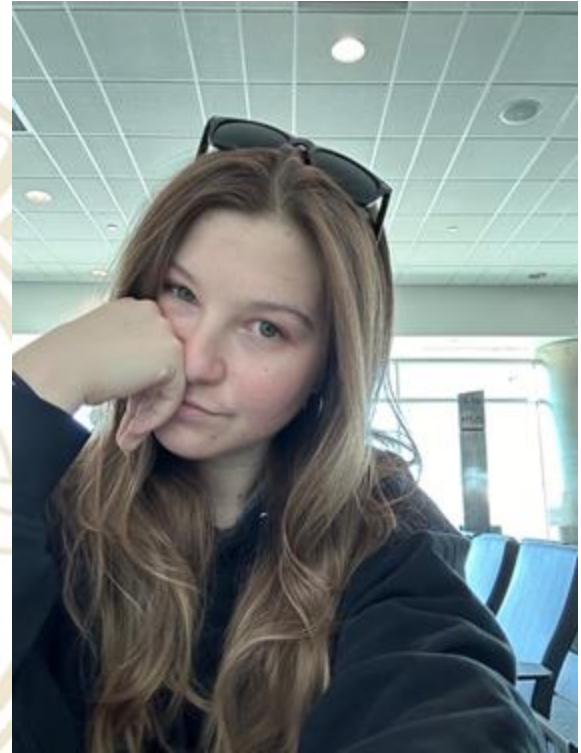
Thank you to my family, friends, and professors for making these last four years so meaningful, I couldn't have done it without you guys :)

Ainsley Braunscheidel

Bachelor of Arts, Statistics and Data Science

As I prepare to graduate, I find myself reflecting on the incredible journey that has been my college career. These years have been filled with challenges, growth, and moments that I will cherish forever.

From late-night study sessions to early-morning classes, from moments of uncertainty to incredible achievements, every experience has shaped me into the person I am today. I've learned valuable lessons both inside and outside the classroom, pushed myself beyond my comfort zone, and embraced every opportunity to grow. There were times when the road felt uncertain, but each challenge only strengthened my determination.



Thank you to my family and friends for always being there and supporting me, encouraging me during the bad and celebrating with me during the good.

Ella Cridland

Bachelor of Arts, Statistics and Data Science

Having lived in multiple countries, states and cities, during these four years I have found Colorado to be my home. The friends that I made and experience I had are ones that I will keep with me forever. My engaging classes and incredible professors are what made this accomplishment possible. I am excited to continue my journey and see where life takes me!



Thank you to my parents, brother and family, for the continued support and love I feel everyday. Thank you to my friends who made my experience fun and unforgettable.

Harrison Fagan

Bachelor of Arts, Statistics and Data Science

My favorite part of CU was starting new classes, knowing each one would open up a whole new world of knowledge and introduce me to amazing, intelligent people!



*Special thank you to my Mom, Dad, Sister, and Brother
love you guys!*

Akshat Gadgil

Bachelor of Arts, Statistics and Data Science

I'll be starting my Masters in Business Analytics in the Leeds Business School here at CU in the summer, and I expect to graduate in May 2026.



Thank you to my parents, my sister, my four best friends in the entire world and lastly, my girlfriend

Steve Habovstak

Bachelor of Arts, Statistics and Data Science

CU was a dream come true. During my time I was an avid skier, rock climber and outdoor enthusiast. I had the opportunity to serve on the CU Backcountry club board and made many lifelong friends. I could not imagine a greater place to be. I plan to work in the AI/ML field and eventually return for a masters in Applied Math.



Thank you to my friends, my mentors, and my family



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Will James

Bachelor of Arts, Statistics and Data Science

Getting my Bachelors degree in Statistics and Data Science at CU Boulder was an amazing experience. I'm grateful for the thoughtful professors, friends, and memories that made these years special.



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Roberto Jimenez

Bachelor of Arts, Statistics and Data Science

“I know you’re desperate for a change, let the pen glide, but
the only real change come from inside” - J. Cole



*Special Thank you to my Grandmother Joann Martinez,
my family, my dog Carter, my girlfriend Maliyah Gallien,
Kristopher Pruitt, Gavril Shchedrin, Eric Vance, Silva
Chang*

Zach Jordan

Bachelor of Arts, Statistics and Data Science

After five years and 200 credit hours, CU finally gave up and let me graduate. Somewhere in the chaos, I fell in love with probability and statistics—and Bayes-ically never looked back. In all seriousness, it's been an incredible experience, and one I'd gladly do all over again. Huge thanks to the department for making that possible. This fall, I'm heading to UCLA to start a PhD in Operations Management, because five years of school just wasn't enough.



Thank you to everyone who helped me get to this point—I truly couldn't have done it without your support. A special thanks to Prof. Jem Corcoran (and her many pets) for reigniting my passion for math and reminding me why I chose this path in the first place.

Joanna Joseph

Bachelor of Arts, Statistics and Data Science

My college journey has been long and transformative, shaping me into the person I am today. At CU, I've discovered faith, built lasting friendships, and embraced the love of learning. Academically and personally, I've grown in ways I never imagined.

As I step beyond Boulder, I'm excited to apply what I've learned to make a meaningful impact on my community and help build a better future!

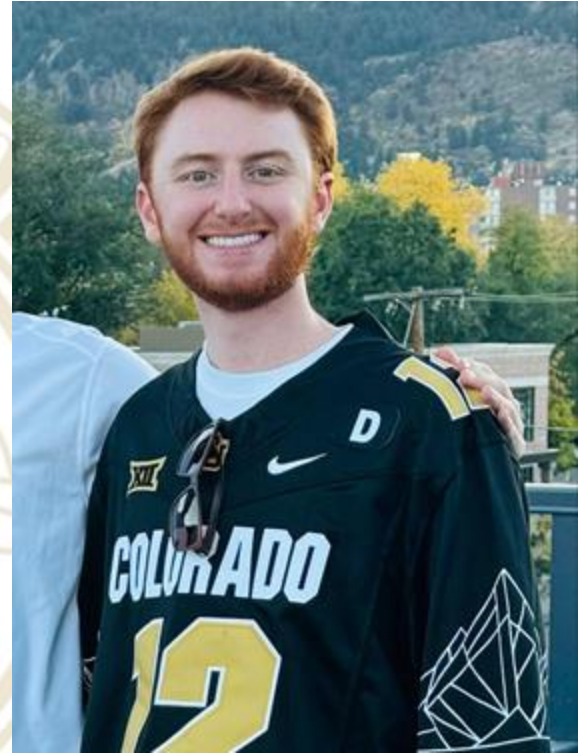


I would like to, first and foremost, thank God. I would also like to thank my parents and my brother for their love and support.

Andrew Jossi

Bachelor of Arts, Statistics and Data Science

Growing up in Colorado, I thought I knew everything this state had to offer, but my time at CU has given me a whole new appreciation for it. Between fishing the creeks full of trout and exploring the incredible mountains, I hardly had time to study. Luckily, I had some great teachers and amazing friends that made it possible. Although my future is still uncertain, I discovered a passion for data analytics and its vast applications. I'm excited to continue my education at CU, earning my Master's in Business Analytics. I'm grateful for every moment and can't wait for what's ahead. Sko Buffs!



A huge thank you to my family for always supporting me and to my friends for making my time here so special.

Isabella Ann Dee Kindrick

Bachelor of Arts, Statistics and Data Science

If you asked me what I wanted to be before coming to CU, the last thing I said would've been statistics or anything to do with math. CU has provided me an environment to develop my understanding and love for statistics. I never thought I could pass Calculus one much less going all the way to Calc three and beyond.



Thank you to my family for supporting me these past four years, my teachers for teaching me so many new things I didn't know I could learn, and all my friends who taught me what can't be learned in a classroom

Luna Kostić

Bachelor of Arts, Statistics and Data Science

After graduation, I will be working for an asset management company, Capital Group, as a data science subject matter expert. These past four years have been an amazing experience and I am excited to see what comes next!



I want to thank all of my classmates, professors, and friends who have supported me through these four years! I'm incredibly grateful to have met everyone I have.

И највеће хвала за породицу :)



Applied Mathematics
UNIVERSITY OF COLORADO **BOULDER**

Tetsuo Lo

Bachelor of Arts, Statistics and Data Science

Graduating from CU has been a challenging yet transformative journey. From late-night study sessions to attending classes exhausted after my third-shift job, CU has pushed me to grow in ways that I thought was impossible.

Looking into the future, I am eager to deepen my knowledge in Data Analytics and apply the skills I have learned from CU to my future career. One of the most valuable lessons I have learned at CU is that curiosity and a drive to learn are the key to success.



Reza Naiman

Bachelor of Arts, Statistics and Data Science

My time at CU has been an unforgettable journey. From overcoming academic challenges to building lifelong friendships and discovering new passions, every experience has shaped me in ways I never expected. I am deeply grateful for these moments and proud to be part of the Forever Buffs community.



I am deeply grateful to my parents, professors, and friends for their unwavering support. Your encouragement made this journey possible, and I couldn't have done it without you!

Luke Petet

Bachelor of Arts, Statistics and Data Science

My most meaningful experience while studying at CU was the completion of my Honors Thesis under the guidance of Dr. James Curry. Over the past semester, I gained much valuable insight not only into the academic process but also my own focus, capability, and drive towards a singular goal. The completion of that thesis is my proudest achievement, and something that I hope to carry forward well beyond my college years.



Special thank you to Iris Berkeley, James Curry, Anne Dougherty, Keith Gremban, as well as my mom, dad, and sister, and especially Connie and Randy Ritchie

Brady Schiff

Bachelor of Arts, Statistics and Data Science

In my time at the University of Colorado, I made lifelong friends, connections, and experiences. A true highlight was my capstone work with the CU Volleyball team and the quantification metric and graphic my team provided their program. I am excited to continue my higher education at the University of Colorado seeking a professional masters in applied mathematics.



I'd like to thank my family, peers, and incredible professors and staff here at the University of Colorado. I would also like to thank the Evans Scholarship and its donors for this incredible opportunity.

Srihari Srinivasan

Bachelor of Arts, Statistics and Data Science

Moving to Colorado from California without knowing anyone was a leap outside my comfort zone, but it turned out to be one of the best decisions I've ever made. From spontaneous adventures with friends to exploring the beauty of this state, I've grown so much both personally and academically. I'm incredibly grateful for the amazing professors who helped me fall in love with data science, especially Dr. Onyejekwe, whose mentorship led me to publish my first research paper. While the future is still uncertain, I'm excited for the journey ahead and can't wait to make my mark as a Data Scientist!



HUGE thank you to my family and friends for their unwavering support throughout this journey. A special thank you to my professors, Dr. Onyejekwe and Dr. Pruitt, for their invaluable mentorship and guidance.

Ayush Uniyal

Bachelor of Arts, Statistics and Data Science

My time at CU Boulder was defined by making lasting friendships, competing on the soccer team, and mastering data science, all of which fuel my excitement for the future.



Would like to thank my mom, dad, & all my classmates/friends.

Bachelor of Science Applied Mathematics

Honors

- Engineering Honors Program
 - ◆ Summa Cum Laude
 - * Magna Cum Laude
 - ▽ Cum Laude
 - † A&S Honors Thesis
- ▲ Kiewit Design-Build Scholar

Ryan M Albright ◆ ▲
Matt Joseph Arenson
Isabella Grace Bates
Alexander James Brimhall
Isak Gustav Cedergrund ◆ ●
Kashyap Subrahmanyam
Challapalli *
Diego Chavez
Bartholomew W Chen *
Samantha Sueyoung Choe
Tyler Clough

Mitali Desai * ●
Natalia Emeli Eid *
Ella Grace Finstuen
Natalie Hansard
Jesse Kalman Hettleman ◆
Beckett Ridley Hyde ◆ ●
Madison Paige Jones ◆ ●
Quinn Delaney Lew
Kayla Michelle Mash ◆ ●
Mateo Martinez Medellin

James Edward Miles
Chloe Antoinette Mulqueen
Blake James Musfeldt ◆
Francesca
Nuffer-Rodriguez ◆
Joanna Lily Parker ●
Zane Lloyd Perry ◆
Hannah Priddy
Oliver Quinonez
Kyle Philip Roche
Aidan Joseph Roux

Antonio Edmundo Samour
Dylan Elise Sanders
Neel Jitendra Sanghvi †*
Luke Harrison Sellmayer
Xochilth Guadalupe Sierra
Julius Rushmore Slimko
Jaden Anthony Snell
Anjali Velamala ◆
Steven Pacey Wallace
Tessa N Whittaker

Ryan Albright

Bachelor of Science, Applied Mathematics

*"I am a great believer in luck, and I find the harder I work,
the more I have of it." - Thomas Jefferson*



*Thank you to my family and friends; my continued
success is only possible because of their support.*

Matt Arenson

Bachelor of Science, Applied Mathematics

I had a great experience here at CU, special thanks to all my professors and peers. Congratulations on graduating and Sko Buffs!



Thank you to mom, dad, Alexa, my grandparents, and my professors.

Isabella Bates

Bachelor of Science, Applied Mathematics

Majors in Applied Mathematics and Computer Science
Certificate in Engineering Leadership

At CU Boulder, I've merged my passions for mathematics, computer science, and creativity in ways I never expected. My proudest achievement is my work on the NSF-funded GHOST project, where my research led to two IEEE-published papers. Beyond STEM, I've also built an audience through music and content creation. Whether developing security solutions or writing songs, creativity isn't just for the arts, it's the key to shaping the future!



I'd like to thank my mom, dad, and brother, Gavin, for being so supportive and loving. And thank you to my past and current professors for fueling my passion for mathematics.

Alexander James Brimhall

Bachelor of Science, Applied Mathematics

“I am a math guy, that was my favorite subject in school”
- Lebron James

After graduation I am working as a Software Developer
at Tech-X in Boulder



Thank you so much Mom and Dad for making this possible. Thank you Mikayla for always being there. I love you guys!

Gustav Cedergrund

Bachelor of Science, Applied Mathematics

“Gustav, the 3 most important things in life are Love, Math, & Bacon”

-Dad, dad joking, 2013

At CU, I found Love through my friends, experiences, and passions - teaching me how to fail spectacularly and get up again. At CU, I found Math as the thing I could not do college without - teaching me how to think and solve. At CU, I found Bacon at the C4C on Tuesday mornings - teaching me to be at the C4C on Tuesday mornings.

And thus, at CU, I have found all three; Dad, this means I win.



*Camilla, David, Anton - for teaching me how to be.
Everything I accomplish is an extension of your love.
Tack, Tack, Tack!*

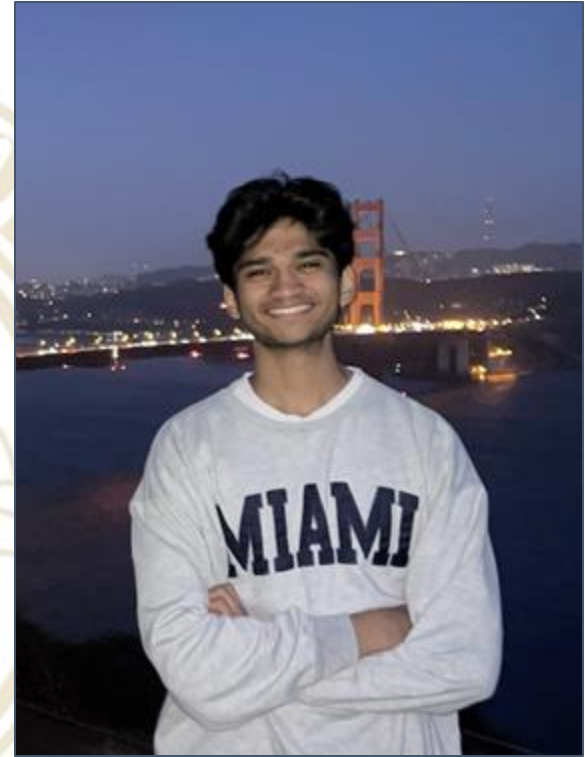


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Kashyap Challapalli

Bachelor of Science, Applied Mathematics

Earning degrees in both Applied Math and Computer Science, as well as a certificate in Engineering Leadership, Kashyap reflects on his time at CU—grateful for both its academic insights and its deeper lessons about himself, and will pursue self mastery with tenacity.



Huge thanks to my family and friends whose love fueled my ambition, and to the faculty, TAs, and peers whose intentionality made my time at CU so powerful.

Diego Chavez

Bachelor of Science, Applied Mathematics

Earned degrees in Aerospace Engineering and Applied
Math
“Carpe diem” - Horace



*I'd like to thank all my family and friends, especially my
parents, brother, and sister.*

Bart Chen

Bachelor of Science, Applied Mathematics

"You know, people think mathematics is complicated. Mathematics is the simple bit. It's the stuff we can understand. It's cats that are complicated." - John H Conway

This could be anything from a favorite activity at CU, to something you learned, or an important experience, awards you got, plans for after graduation, or a quote that you really enjoy to celebrate you graduating.



Thank you to my parents Jennifer and Chao!!



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Samantha Choe

Bachelor of Science, Applied Mathematics

I have loved my four years here at CU, from spending time with my friends to challenging myself academically in my courses. I have grown so much and am so grateful for the community around me. The support I have felt from the APPM faculty and my peers is invaluable to me and I look forward to the opportunities that the future will bring!



Thank you to my family! I could not have done this without you guys. Love you!

Tyler Clough

Bachelor of Science, Applied Mathematics

I am excited to begin my career as a FEA Engineer and apply the skills that I have gained during my time in the APPM Department !



Mitali Desai

Bachelor of Science, Applied Mathematics

After undergraduate graduation, Mitali will continue in the Applied Math Masters Program researching the economic impacts of defoliation. After graduating with her masters, she will rejoin McKinsey Denver as a Business Analyst. She feels incredibly grateful to have been a part of Leeds Consulting Group, President's Leadership Class, and Global Platinum Securities during her time at Boulder.



Thank you to my family, friends, and professors for their support, confidence, and instillment of resilience!

Natalia Eid

Bachelor of Science, Applied Mathematics

Natalia is graduating Magna Cum Laude with her Bachelors in Applied Mathematics with a certificate in Quantitative Finance and a minor in Statistics.

Natalia was a member of Kappa Alpha Theta, Beta Iota and was the Vice President of Member Education for the Panhellenic Executive board at CU.

In the fall, she will be returning to CU to complete her Masters in Applied Mathematics and will be applying to PhD programs in Mathematical Finance.



Thank you to my mom and dad, who have motivated me and helped me through all the bumps along the road. Thank you to my sisters for being my best friends and my favorite people to laugh with. Thank you to my Grandma and Grandpa who believed in me sometimes even more than I believed in myself. I love y'all!



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Ella Finstuen

Bachelor of Science, Applied Mathematics

I have absolutely loved my time at CU and have been blessed to have made lifelong friendships through my classes. I have had so much fun exploring the outdoors and learning all about applied math these past 3 years. I will be an actuarial intern at Cigna this summer before returning to CU to pursue a Masters in applied mathematics.



Natalie Hansard

Bachelor of Science, Applied Mathematics

After graduation, Natalie will be working at CAC Specialty in Denver with Professional & Cyber Solutions as an associate account executive.

I'm forever grateful for the support, community, and opportunities that CU Boulder has provided me. My college experience has not been straightforward nor easy, but it was 100% worth it.

"Nothing in the world is worth having or worth doing unless it means effort, pain, and difficulty." -Theodore Roosevelt



Thank you to my family and friends; I could not have made it this far without y'all. Also, my cat :)

Jesse Hettleman

Bachelor of Science, Applied Mathematics

Applied Math was pretty awesome. I honestly chose this as my major mostly randomly, but if Computational Neuroscience taught me anything, it's that stochasticity is inherent within most (if not all) decisions made by humans. So I am very thankful that things turned out the way they did even if I am not in control of anything.



Shout out to my project partner Gus. Thanks to Mitali for being my class buddy. And also my parents.

Beckett Hyde

Bachelor of Science, Applied Mathematics

At CU, I learned three things:

- 1. How to do math.**
- 2. How to take risks.**
- 3. How to not be afraid.**



I want to thank: my family, my new friends, my old friends, my team, and my professors for working incredibly hard for me and everyone here.



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Madison Jones

Bachelor of Science, Applied Mathematics

Minor in Computer Science

Minor in Business

Member of the Engineering Honors Program

Returning to CU in the Fall to begin a Master's degree in
Applied Mathematics

If you had asked me at the start of my freshman year what my plans after graduation would be, I would have answered you completely different than how I would answer now. However, I wouldn't trade my experience for the world. I have learned what I am truly passionate about and how I can pursue that in the future. I can't wait!

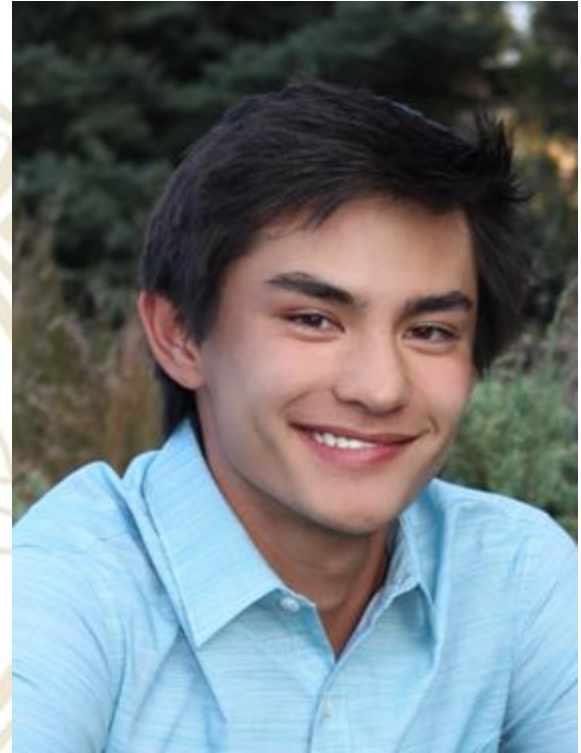


Thank you to my parents for your never ending support. Thank you to my professors for helping me understand things I never thought I could. Thank you to Dr. Mark Hoefer for helping me navigate the "complex" world of research. Thank you to Dr. Anne Dougherty for your guidance.

Quinn Lew

Bachelor of Science, Applied Mathematics

Quinn Lew is graduating in Applied Mathematics. Through rigorous work, Quinn has developed diverse skills that will help him in the future. Throughout his journey at CU he has been very involved in the CU Club Tennis Team, where some of his lifelong friends have been found. CU Boulder was the right choice.



I'd like to thank my family most of all, for always supporting me in as many ways as they could.

Kayla Mash

Bachelor of Science, Applied Mathematics

During my time at CU, I have not only learned all about math, but I also learned to overcome challenges in life and chase my passions. I am truly grateful for all of the opportunities I have received and the incredibly inspiring people I have met who have helped me grow and prosper. I am graduating with a Bachelor of Science in Applied Mathematics, a Bachelor of Arts in Biochemistry, and a minor in Biomedical Engineering. I hope to harness all I have learned and continue following my passions in graduate school, where I will pursue Biological Engineering.



My sincerest thank you to my family (Mom, Dad, Logan, and Cookie), my friends, professors, colleagues, and mentors who have helped me endlessly through thick and thin. I would not be where I am or who I am today without all of you. <3

James Miles

Bachelor of Science, Applied Mathematics

I graduating from CU with a double major in Applied Math and Neuroscience, experiences that were as challenging as they were rewarding. Along the way, I celebrated winning three IM soccer championships, and now I'm excited to carry the spirit of teamwork and perseverance with me as I begin my career with Epic Healthcare in Madison, Wisconsin.



I want to extend my heartfelt gratitude to my family and friends for their unwavering support and encouragement.

Chloe Mulqueen

Bachelor of Science, Applied Mathematics

I am excited to move to New York City this July, working as a Risk Analyst at Santander Corporate & Investment Bank!

I feel extremely grateful to have taken a wide range of interesting classes in the engineering school, as well as Leeds while pursuing my certificate in Quantitative Finance. The people here shaped me into who I am and I am proud to have had this incredible experience!



A big thank you to my wonderful parents, my sisters Lily and Violet, and my lovely friends.

To my APPM and Leeds Professors that went above and beyond – thank you!

Blake Musfeldt

Bachelor of Science, Applied Mathematics

Blake is graduating with a degree in Applied Mathematics and a minor in Statistics & Data Science. He has enjoyed meeting friends in the classroom and finding his community through the CU Men's Ultimate Frisbee team. This summer, he will be an intern at Tallgrass Energy working as a Data Analyst. This fall, he plans to return to CU to pursue his Master's Degree in Applied Mathematics.



Thank you to Chris Doan for the mentorship and guidance during the last 3 years

Frankie Nuffer-Rodriguez

Bachelor of Science, Applied Mathematics

RA - resident advisor

SRA - senior resident advisor

CA - community assistant

CA - course assistant

TA - teaching assistant

If there was a job ending in the letter A, I did it.

I am so grateful for the last four years I have spent here at CU.

This school has provided me with lots of wonderful opportunities that I am so thankful for. I have loved the Boulder community and am looking forward to entering the workforce after graduation.



Huge thank you to my parents and friends. You all were a huge support and I appreciate you so much!

Joanna Parker

Bachelor of Science, Applied Mathematics

Bachelor of Arts, Computer Science
Member of Engineering Honors Program

"All we have to decide is what to do with the time that is given to us."
– Gandalf

During my time at CU, I found a home in the Engineering Honors Program, where friends encouraged me to stay silly. I let my creative side out playing flute in the concert band. One of my proudest achievements was competing in the international mathematical modeling contest, earning a Meritorious award in my final year.



*Thanks to my family for their unconditional support.
Thanks to my professors for sharing their joy in
mathematics. And thanks to Dr. Anne Dougherty for her
invaluable advice along the way.*

Zane Perry

Bachelor of Science, Applied Mathematics

Major in Computer Science and Applied Mathematics
Chair of the Engineering Excellence Fund
President of the Theta Tau Professional Engineering
Fraternity
3 Years Research in the Genetic Logic Lab

CU and the Applied Math Department pushed me to the best of my abilities while also leaving me with an invaluable collection of friends, mentors, and memories. I am excited to continue my growth in the Master's program in the Fall



Special thanks to my Theta Tau family, Professor Oscamou for pushing me to challenge myself, and my family members for supporting it all.

Hannah Priddy

Bachelor of Science, Applied Mathematics

I have loved every second of my time at CU. Meeting people from all over the world, and learning new perspectives has been such an incredible experience. Thank you to my family, friends, and professors that have helped throughout these years in school. I wouldn't be here without you guys.



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Kyle Roche

Bachelor of Science, Applied Mathematics

Kyle is graduating with a degree in Applied Math, a minor in Korean, and a certificate in Actuarial Studies. Kyle was also the treasurer for the Korean American Student Association at CU Boulder for the past 2 years. After graduation Kyle plans to work as an actuary and continue studying to become a Fellow of the Society of Actuaries.



A special thank you to my family and friends for supporting me throughout my college journey.



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Aidan Roux

Bachelor of Science, Applied Mathematics

I'm excited to apply what I have learned here to computational materials science research next fall. I have greatly appreciated all my interactions with faculty and fellow students at CU.



Antonio Samour

Bachelor of Science, Applied Mathematics

Double Major in Integrated Design Engineering
Head of the Engineering Fellows

I am so excited to be graduating from the Applied Math department this Spring. From working as a Course Assistant for a wide variety of classes and volunteering as an Engineering Fellow, I have grown to love teaching and mentorship in my time at CU. I plan to return in the Fall to pursue a MS in Applied Mathematics.

“Everything is a wave. I am a wave. $\Gamma(o_o)^{\perp}$ ”
- Sujeet Bhat, 2022



I am grateful to have too many individuals to thank by name for their support in my journey. A special shout out to Morgan Linger, Mateo Thomas, Bryce Kaese, Hugh Scribner, and Kira Goo for getting me through my BS.

Dylan Sanders

Bachelor of Science, Applied Mathematics

Following graduation, Dylan plans to continue working at the University Corporation of Atmospheric Research as a part of the Network Engineering Team.

My time at CU has been truly transformative, filled with experiences and challenges that have shaped me in ways I will always cherish. I am forever grateful for the friendships and memories made along the way. With excitement and gratitude, I look forward to the journey ahead!



A special thank you to my loving parents and siblings, I couldn't have done it without each and every one of you.

Neel Sanghvi

Bachelor of Science, Applied Mathematics

Colorado has been a wild experience, from warm summer days to freezing in your room dreaming for snow days, it has given me skiing and gave me an opportunity to meet wonderful people some so thank you all my friends in Boulder for accepting and sharing this wonderful place. Hopefully, our roads meet again.



*Thank you, my family, wouldn't be here without them.
Dr. Dougherty for everlasting motivation, and Dr.
Ablowitz for all the knowledge and experience*

Luke Sellmayer

Bachelor of Science, Applied Mathematics

“Proof left as exercise to reader.”
-Every math textbook ever



Thanks to:

- My parents for always supporting me
- My roommates for dealing with my bs
- My friends for laughing at my stupid jokes

Xochilth Sierra

Bachelor of Science, Applied Mathematics

"I wish there was a way to know you're in the good old days before you've actually left them" - Andy Bernard, The Office



Special Thanks to Mark Hoefer for being a great professor, and to: Phil Courey, Andres Morales, and Luis Villalobos for being great mentors, a support system, and friends

Julius Slimko

Bachelor of Science, Applied Mathematics

Being at CU Boulder allowed me to blossom into the person I am today and provide me with an excellent education, life long connections, and unforgettable memories. I especially felt great fulfillment helping incoming engineers as a Learning Assistant for precalculus. Plus, living in Colorado has been awesome.



Special thanks to my mother and father for their unwavering support, my advisor Anne Dougherty for her guidance, and my professors for their brilliance and patience.

Jaden Snell

Bachelor of Science, Applied Mathematics

I'm incredibly proud of my accomplishments throughout my time here at CU. From winning the Computer Science Founder's Award to starting a chapter of a professional, technology fraternity on campus. I feel immense gratitude to my peers, professors, and family for consistently pushing me to be better and making this all possible.



Huge thanks to Professor Oscanou and Dr. Dougherty for making such profound impact on my college experience!



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Anjali Velamala

Bachelor of Science, Applied Mathematics

I was not planning on pursuing math at all, but when I had to take the applied math sequence for my environmental engineering degree I knew I could not stop at differential equations, I yearned for more and eventually signed up for an APPM minor and then an APPM major.

I'm grateful that I have had the privilege to learn the language of mathematics and I hope to continue my curiosity and love for this way of thinking.

After graduation I will be traveling the world for a year: India for 5 months, Asia, the Middle East and Africa for 4 months and Europe for the remaining time. I plan to do a tour of workshops in the places I visit (woodworking, ceramics, paper-making, and more). Post travels, I will be going to graduate school or starting an engineering career.



Thank you to Professor Kish for showing me how beautiful math can be! Thank you to Amandine, Vivek, Swami, Mina, Hayden, and Ayesha, you have all been so supportive to me and my education!

Pacey Wallace

Bachelor of Science, Applied Mathematics

My time at CU has been an incredible journey of both academic and personal growth. I'm truly grateful for the amazing people I've met and the unwavering support I've received along the way. As I close this chapter, I'm excited to carry these experiences forward into the next phase of my life.



A heartfelt thank you to my family for their unwavering support. I couldn't have done this without you all!



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Tessa Whittaker

Bachelor of Science, Applied Mathematics

Tessa earned a degree in Applied Mathematics with a minor in Computational Biology. At CU, she found her best friends in the Applied Math department. She found her love of endurance running, completing multiple marathons and ultramarathons. Tessa was a member of the Navy ROTC program and earned a commission as an Ensign in the United States Navy.

She is heading to Pensacola, FL to begin Naval Flight Training.



Congratulations to all
2025 graduates,
welcome to the
ForeverBuffs
family!



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