

AeroSpace Ventures (ASV)

Tools for Finding Top Talent at the University of Colorado

Boulder

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AeroSpace Ventures (ASV)

- What is AeroSpace Ventures?
 - CU Boulder's AeroSpace Ventures (ASV) is a collaborative entity that brings together <u>researchers</u>, <u>students</u>, <u>industry leaders</u>, government partners and entrepreneurs to envision and create the future for space and Earth systems, driving the discovery and innovation that will shape the 21st century economy.
- 12 Academic partners
- Over 7500 undergraduate & graduate students
 - 1800+ BA & BS Computer Science Majors,
 - New CS Post Baccalaureate Program, New Cyber Security Program (TCP)
 - 1200+ BS, MS & PhD Aerospace Engineering Sciences students
 - 600+ BS students from Electrical Engineering & Computer Engineering
 - 1000+ BS students from Mechanical Engineering
 - 400+ undergraduates in the Space Minor
 - Applied Mathematics, Physics, Astrophysics, Atmospheric & Oceanic Sciences
 - Cooperative Institute for Research in Environmental Sciences (CIRES), Laboratory for Atmospheric & Space Physics (LASP), Colorado Space Grant Consortium



AeroSpace Ventures

Core Research Strengths:

Earth & Space Sciences Bioastronautics

Space Weather Aerospace Engineering Systems

Position, Navigation & Timing Unmanned Aerial Systems

Space Situational Awareness Astrodynamics

Human and Robotic Exploration Remote Sensing

Spacecraft Design Atmospheric Modeling

Instrument Development RF and Electromagnetics

Small Satellites Optics & Photonics



Tools for Finding Top Talent

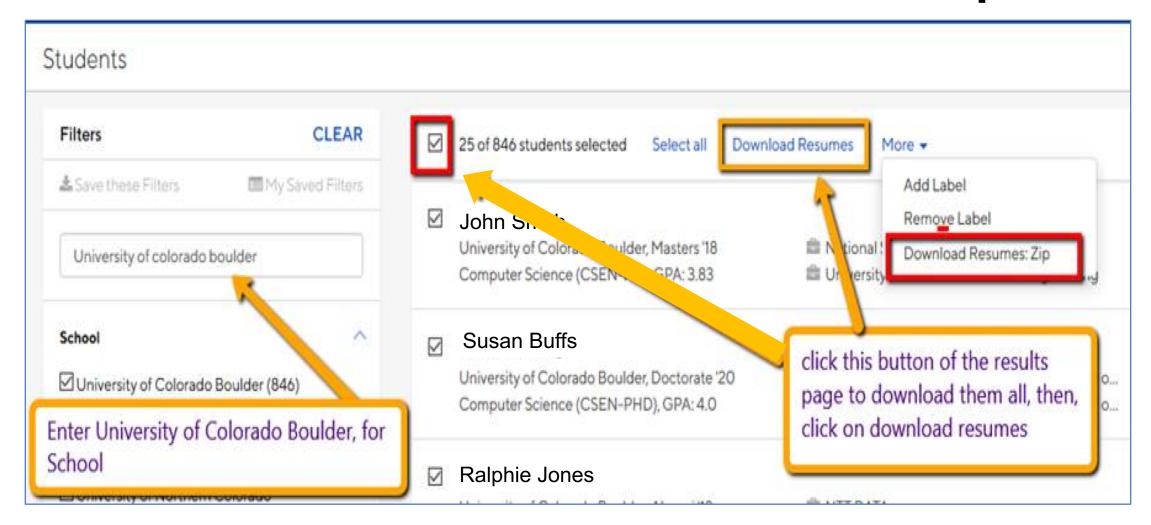
- Handshake
- Knowledge, Skills & Abilities List (KSAs)
- Training, Events
- & Communication



Handshake

- University of Colorado Boulder Recruitment Platform: https://www.colorado.edu/career/employers
 - Includes most universities across the nation
 - Post full time jobs, internships & co-ops
 - Search by key words (KSAs in the Skills section)
 - Companies can run queries and download targeted resumes
- Must comply with federal employment laws and university policies
 - All positions must be posted in Handshake
 - Once a job is posted on Handshake it can be distributed to the target audience
- Handshake will be used to identify applicants for Aerospace & Defense Internships

Handshake – Download Resumes to a Zip File



Knowledge, Skills & Abilities List (KSAs)

- KSAs will improve the ability to match students to posted job requisitions
- ASV KSA List will better inform students of the skills desired by companies in the aerospace industry – send us yours!!
- Examples:
 - Technical Skills:
 - C, CATIA, C++, Cisco, DOORS, FPGAs, JAVA, Labview, LINUX, MagicDraw, MATLAB, MDA/MBA, Python, Rhapsody, Security +, SIMULINK, software CM Tools, Solidworks,
 - Key words:
 - Additive manufacturing, data analytics, Kalman filters, machine learning, systems engineering, software development, optics, teamwork, initiative, leadership,
 - Interested in the aerospace industry (i.e. for non-aerospace majors)
 - Active clearance, prior clearance, ability to obtain a clearance
 - Veteran, active duty



Training, Events & Communication

- ASV Professional Development Seminar Series (PDSS) including
 - Working in the classified sector, security clearances & lifestyle choices
 - Export control, ITAR & EAR
 - Industry tech talks
 - Working for federal contractors
 - Impacts of social media behavior on the job search
 - The Defense Innovation Movement
 - Working in commercial space
- Career Fairs & Recruiting Events
- Key industry updates sent to ASV student distribution list

Contact Information

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