



# AeroSpace Ventures (ASV)

## Tools for Finding Top Talent at the University of Colorado Boulder

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Boulder

# AeroSpace Ventures (ASV)

- What is AeroSpace Ventures?
  - CU Boulder's **AeroSpace Ventures** (ASV) is a collaborative entity that brings together [researchers](#), [students](#), [industry leaders](#), 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

Space Weather

Position, Navigation & Timing

Space Situational Awareness

Human and Robotic Exploration

Spacecraft Design

Instrument Development

Small Satellites

Bioastronautics

Aerospace Engineering Systems

Unmanned Aerial Systems

Astrodynamics

Remote Sensing

Atmospheric Modeling

RF and Electromagnetics

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

The screenshot shows the 'Students' page in the Handshake system. On the left, the 'Filters' section includes a search bar with 'University of colorado boulder' and a 'School' filter with 'University of Colorado Boulder (846)' selected. A yellow box with an arrow points to the search bar, containing the text: 'Enter University of Colorado Boulder, for School'. At the top of the student list, a red box highlights a checked checkbox, with a yellow box and arrow pointing to it containing the text: 'click this button of the results page to download them all, then, click on download resumes'. To the right of the checkbox, the text '25 of 846 students selected' is visible. Further right, a yellow box highlights the 'Download Resumes' button. A dropdown menu is open next to it, showing options: 'Add Label', 'Remove Label', and 'Download Resumes: Zip', with the last option highlighted by a red box. The student list includes entries for John Smith, Susan Buffs, and Ralphie Jones, all from the University of Colorado Boulder.

Students

Filters CLEAR

Save these Filters My Saved Filters

University of colorado boulder

School

University of Colorado Boulder (846)

25 of 846 students selected Select all Download Resumes More ▾

John Smith  
University of Colorado Boulder, Masters '18  
Computer Science (CSEN-), GPA: 3.83

Susan Buffs  
University of Colorado Boulder, Doctorate '20  
Computer Science (CSEN-PHD), GPA: 4.0

Ralphie Jones

Add Label  
Remove Label  
Download Resumes: Zip

Enter University of Colorado Boulder, for School

click this button of the results page to download them all, then, click on download resumes

# 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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