

DAWSON BOTSFORD

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Education

- **University of Colorado**—Boulder, CO
Majoring in Computer Science
 - GPA: 3.406 (overall)
 - Projected Graduation Date: May, 2016

Experience

- **Shape Security**—Mountain View, CA
May 2015 – Current
 - Web Security intern developing an internal Chrome Extension.
- **National Security Agency Stokes Scholar**—Maryland
July 2012 – March 2015
 - 2014 Summer Tour: C++, calculus, CppUnit, Vim, Bash scripting, and OS installs.
 - 2013 Summer Tour: JavaScript and the Selenium IDE to perform web testing
- **New Spin 360 LLC** — Baltimore, MD
Software Developer: June 2014 – March 2015
 - Automated Quadcopter flight from start to finish. Python scripting, hardware repairs, and MissionPlanner flight planning/logging
- **University of Colorado Teaching Assistant** — Boulder, CO
Introduction to Engineer Computing: January – May 2013
 - Led class lab instructing two hours per week
 - Received above average ratings in all categories
- **National Institute of Computational Sciences** — Oak Ridge, TN
Technical Research Assistant: February – July 2012
 - Bash scripting and examining the efficiency of supercomputing core distribution using NICS high performance computer Nautilus
- **National Institute of Computational Sciences** — Oak Ridge, TN
High School Intern: September – December 2011
 - Programming Python, paperwork, photography, photo editing, etc.

Skills

- **Programming Languages:**
 - Proficient with Python, JavaScript, HTML, and CSS
 - Familiar with C, C++, Ruby on Rails, and Java
- **Tools and Systems:**
 - Proficient in Vim, Bash, Git, and Linux Command Line
 - Familiar with Twitter-Bootstrap, d3, node.js, Chrome Extensions, and jQuery
- **Passionate Areas:**
 - Bitcoin, Open Source, Web Scraping, Algorithmic Trading, and Finance

Achievements and Activities

- Co-Founder and Director of HackCU
- Vice-President of University of Colorado's Bitcoin Club, 2014 - 2015
- HackGT Best Use of Mashery API Prize awarded September 21, 2014
- AP Scholar awarded August 11, 2012
- National Honor Society: 2010-2012
- FBLA Website Master (2008-2009) and second place in Business Math at regionals