

# Christopher V. Smith

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## ACADEMICS

### Carnegie Mellon University | Pittsburgh, PA | May 2018

- Bachelor of Science in Electrical and Computer Engineering
- Select Coursework: Advanced Mobile Robot Development, Independent Study in Computer Science Pedagogy, Introduction to Computer Systems, Structure and Design of Digital Systems
- Cumulative QPA: 3.4/4.0

## SKILLS AND TECHNOLOGIES

- C, Python, JavaScript, SystemVerilog, Altium

## EXPERIENCES

### Google Lunar XPRIZE | Carnegie Mellon | January 2016 - Present

- Developing prototype CubeRover SCOT-T to compete for the international Google Lunar XPRIZE
- Designing custom sensor board with Altium and writing firmware for orientation and obstacle detection

### Build18 | Carnegie Mellon | March 2016 - Present

- Officer for Electrical and Computer Engineering Department hackathon
  - Organize corporate sponsorship, tech talks, orders of supplies for participants, and food during the annual event

### All University Orchestra | Carnegie Mellon | August 2014 – Present

- Vice President (May 2015 – Present) and string bassist in student-run orchestra open to anyone with no audition necessary
  - Coordinate space reservations, rehearsal scheduling, guest musicians, finances, and repertoire selection for several concerts each

### MellonHeads | Carnegie Mellon | August 2015 – Present

- Founding member of organization that creates and celebrates maker culture in as many disciplines as possible and fosters an on-campus community for all things hackathons

### Accolade, Inc. | Plymouth Meeting, PA | May 2015 – August 2015

- Intern with the Engagement Technology Group, a Scrum team focused on engaging clients with Accolade's care
  - Created process-improving tools that run database sync jobs and grant access to services for new members of the team
  - Wrote automated testing suites using Selenium WebDriver and REST Assured that catch bugs before they affect clients
  - Decreased outbound customer support calls by 20% by improving the client portal's help form

### Melody | PennApps | September 2015

- Team developed mobile-friendly web app that converts pictures of users' drawings on paper into music using OpenCV, Mingus, MIDI, PyDub, Azure, and Flask.
- Featured as a Devpost Staff Pick

### #drivearobot | HackIllinois | February 2015

Team designed, 3D-printed, constructed, and programmed Twitch-Plays-Pokémon-style robot that users can collaboratively control using Twilio's API, Mailjet's API, Flask and Arduino