

# Christopher V. Smith

ELECTRICAL AND COMPUTER ENGINEER

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## Education

### Carnegie Mellon University

Pittsburgh, PA

B.S. IN ELECTRICAL & COMPUTER ENGINEERING, MINOR IN SOCIAL & POLITICAL HISTORY

Aug. 2014 - May 2018

- GPA: 3.44 / 4.00
- Select Coursework: Embedded Real-Time Systems, Introduction to Telecommunication Networks, Jazz Orchestra, Advanced Mobile Robot Development, Introduction to Computer Systems, Independent Study in Computer Science Pedagogy
- Skills: Python, C, Assembly, GDB, SystemVerilog, French

## Employment

### Cisco Meraki

San Francisco, CA

FUTURE MEMBER OF TECHNICAL STAFF, INTERN

May 2017 - Aug. 2017

- Will join Cisco Meraki Engineering team to work on embedded software for networking technologies.

### Carnegie Mellon University

Pittsburgh, PA

TEACHING ASSISTANT FOR 18-349 EMBEDDED REAL-TIME SYSTEMS

Jan. 2017 - Present

- Develop course material for advanced engineering class dealing with embedded architectures, device interaction, concurrency, and real-time principles using the Raspberry Pi, ARM Assembly, and C.
- Teach recitations and hold office hours for 80+ students to review challenging concepts, labs, and developer utilities.

### Boeing Defense, Space & Security

Ridley Park, PA

H-47 CHINOOK MISSION SYSTEMS STUDENT ENGINEER

May 2016 - Aug. 2016

- Worked alongside veteran software engineers in the tandem rotor, heavy-lift helicopter's avionics group.
- Improved simulator fidelity by adding graphics to cockpit displays.
- Created visualization tools for millions of lines of aircraft debugging data from customers.

### Accolade

Plymouth Meeting, PA

ENGAGEMENT TECHNOLOGY INTERN AT FAST-GROWING HEALTHCARE SERVICES STARTUP

May 2015 - Aug. 2015

- Slashed customer support calls by 20 % by improving the client portal's help form.
- Created process-improving tools and automated testing suites to evaluate database reliability and webapp performance.

## Extracurriculars

### All University Orchestra

Carnegie Mellon

PRESIDENT AND STRING BASSIST IN STUDENT-RUN CLUB ORCHESTRA

May 2016 - Present

- Previously Vice President (May 2015 - Apr. 2016) and Publicity Chair (Jan. 2015 - Apr. 2015.)
- Organize several ensembles totaling 100+ musicians for dozens of rehearsals and several concert each semester.
- Coordinate performance venues, social events, conductors, and funding.

### Delta Tau Delta Fraternity, Delta Beta Chapter

Carnegie Mellon

GREEK SING CO-CHAIR AND ROAD COMMITTEE CHAIR

Aug. 2016 - Present

- As Greek Sing Co-Chair, arrange music, organize rehearsals, and direct band for performance at large annual philanthropy event featuring members of the CMU community performing 15-minute adaptations of musicals.
- As Road Committee Chair, create events for member development and education regarding alumni networking, mental and physical wellness, and professional skills.

### MellonHeads

Carnegie Mellon

FOUNDING MEMBER OF CARNEGIE MELLON STUDENT ORGANIZATION

Aug. 2015 - May 2016

- Ran events attended by hundreds to celebrate maker culture and foster a hackathon community on campus.
- Achieved official student organization status by writing constitution, creating leadership positions, and applying for student activities funding.