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 concerts 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, meeting with administration, and acquiring funding.