

Christopher V. Smith

ELECTRICAL AND COMPUTER ENGINEER

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Education

Carnegie Mellon University

Pittsburgh, PA

M.S. IN ELECTRICAL & COMPUTER ENGINEERING

Class of 2019

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

Class of 2018

- GPA: 3.3 / 4.0
- Select Coursework: Operating System Design and Implementation, Advanced Mobile Robot Development, Jazz Orchestra, Embedded Real-Time Systems, Introduction to Telecommunication Networks, Independent Study in Computer Science Pedagogy
- Skills: Embedded Systems, C, Python, C++, Assembly, Java, French, Jazz Bass

Experience

Facebook

Menlo Park, CA

FUTURE PRODUCTION ENGINEER, INTERN

Summer 2018

- Will join Facebook as a hybrid software/systems engineer to ensure that services run smoothly and scale.

Cisco Meraki

San Francisco, CA

MEMBER OF TECHNICAL STAFF, INTERN

Summer 2017

- Developed vMX for Microsoft Azure, an in-demand virtual version of Meraki's security appliance that enables customers to extend Auto VPN and SD-WAN into their cloud deployments.
- Wrote C++, shell scripts, and Makefiles to build new version of the MX firmware, inject custom data into an Azure VM, and authenticate the vMX to the Meraki Dashboard.
- Handled logistics with Azure representatives to package and list the virtual machine in the Azure Marketplace.

Boeing Defense, Space & Security

Ridley Park, PA

H-47 CHINOOK MISSION SYSTEMS STUDENT ENGINEER

Summer 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

Summer 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

ECE Department

Carnegie Mellon

TA FOR 18-349 EMBEDDED REAL-TIME SYSTEMS

Spring 2017

All University Orchestra

Carnegie Mellon

PRESIDENT AND STRING BASSIST IN STUDENT-RUN CLUB ORCHESTRA

Spring 2016 - Spring 2017

Delta Tau Delta Fraternity, Delta Beta Chapter

Carnegie Mellon

GREEK SING CHAIR, MEMBER DEVELOPMENT CHAIR, HONOR BOARD MEMBER

Fall 2016 - Present