

Christopher V. Smith

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ACADEMICS

Carnegie Mellon University - Pittsburgh, PA

2018

B.S. in Electrical and Computer Engineering

GPA: 3.41/4.00

Select Courses: Advanced Mobile Robot Development, Embedded Real-Time Systems, Jazz Orchestra,
Introduction to Computer Systems, Independent Study in Computer Science Pedagogy

EXPERIENCES

Boeing Defense, Space & Security - Ridley Park, PA

2016 – Present

H-47 Chinook Mission Systems Student Engineer

- Software engineering in the tandem rotor, heavy-lift helicopter's avionics group
- Improved simulator fidelity by adding graphics to cockpit displays
- Created visualization tools for debugging aircraft data from customers

Google Lunar XPRIZE - Carnegie Mellon

2016 – Present

Planetary Robotics Lab Researcher under Professor Red Whittaker

- Led sensor subsystem design and development for prototype CubeRover SCOT-T
- Designed, assembled, and wrote firmware for PCB to control and read IMU and proximity sensors

Accolade - Plymouth Meeting, PA

2015

Engagement Technology Intern

- Slashed customer support calls by 20% by improving the client portal's help form
- Created process-improving tools and automated testing suites

EXTRACURRICULARS

All University Orchestra - Carnegie Mellon

2016 – Present

President and String Bassist

- Direct 100+ musician ensemble for several concerts each semester
- Coordinate performance venues, repertoire selection,

Build18 - Carnegie Mellon

2016 – Present

Electrical and Computer Engineering Hackathon Officer

- Organize corporate sponsorship, tech talks, orders of supplies for participants, and logistics

MellonHeads - Carnegie Mellon

2015 – 2016

Founding Member

- Ran events attended by hundreds to celebrate maker culture and foster a hackathon community

SKILLS

Python, C, C++, Assembly, JavaScript, SystemVerilog, Altium, Jazz, Bass