

Christopher V. Smith

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Academics

CARNEGIE MELLON UNIVERSITY | PITTSBURGH, PA | MAY 2018

- Bachelor of Science in Electrical and Computer Engineering
- Course Highlights: Fundamentals of Programming and Computer Science, Introduction to Electrical and Computer Engineering
- Current Activities: Jazz Ensemble, Rocket Command, Publicity Chair for All University Orchestra
- Overall QPA: 3.21/4.00

LOWER MORELAND HIGH SCHOOL | HUNTINGDON VALLEY, PA | JUNE 2014

- Salutatorian
- Unweighted GPA: 3.95/4.00

Skills

- Technology: Python, Django, Arduino, Java, CAD
- Languages: French

Projects

#DRIVEAROBOT | URBANA-CHAMPAIGN, IL | FEBRUARY 2015

- HackIllinois: Designed, 3D-printed, and programmed robot that users can collaboratively control in Twitch-Plays-Pokémon style using SMS or email with team of 4 in 36 hours. Used Arduino, Flask, Twilio, and Mailjet

OPTI | PITTSBURGH, PA | FEBRUARY 2015

- Hack-A-Startup: Created automatic meeting scheduler in Flask using Google Calendar API with team of 8 in 36 hours

CM-YUM | PITTSBURGH, PA | FEBRUARY 2015

- TartanHacks: Developed student-run, crowdsourced campus food delivery webapp in Django with team of 4 in 24 hours

KOSBEAT | PITTSBURGH, PA | DECEMBER 2014

- Designed and developed a geometric music generator in Python that creates loops of sound from a user's on-screen creation

Experience

TECHNICAL SERVICES | SEPTEMBER 2010 – JUNE 2014

- Responsible for setup and operation of lighting and sound equipment for school and community events
- **Leadership**
 - Co-Captain of Tech Committee for LMHS Mini-THON (May 2012 – June 2014), helped school raise over \$200,000 for the Four Diamonds Fund to fight pediatric cancer
 - Tech Crew: Student Director (September 2013 – June 2014), Lighting Director (September 2012 – June 2014)

PENN ENGINEERING SUMMER ACADEMY ROBOTICS PROGRAM | PHILADELPHIA, PA | JULY 2013

- Designed, constructed, and programmed competitive, ball-firing robot tank in intensive 3-week program

Activities

MUSIC | SEPTEMBER 2010 – JUNE 2014

- Bassist in Jazz Ensemble, Jazz Combo, Orchestra, String Quartet, Symphonic Band, Wind Ensemble, and Pit Orchestra
- PMEA Region VI Band: First String Bass (March 2013)

TECHNOLOGY STUDENT ASSOCIATION | FEBRUARY 2013 – FEBRUARY 2014

- Founder and captain of TSA TEAMS math and engineering competition team. Team placed 3rd nationally in division

YEARBOOK | APRIL 2013 – JUNE 2014

- Co-editor of the yearbook, director of photography and design. Achieved American Scholastic Press Association 1st place

Honors and Awards

- Faith Endowment Scholarship for Academic Excellence (June 2014)
- National Merit Commended Student (September 2013)
- Xerox Award for Innovation and Information Technology (April 2013)
- James J. Doyle Oral Proficiency Contest: 2nd Place, French (February 2011)
- LMHS Student of the Month for Academic Excellence (March 2011), for Character (February 2014)