Christopher V. Smith

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Academics

CARNEGIE MELLON UNIVERSITY | PITTSBURGH, PA | AUGUST 2014 - MAY 2018

· Bachelor of Science in Electrical and Computer Engineering
· Select Coursework: Principles of Imperative Computation, Independent Study in CS Pedagogy (with Profs. Kosbie and Stehlik)
· Cumulative QPA: 3.34/4.00

LOWER MORELAND HIGH SCHOOL | HUNTINGDON VALLEY, PA | SEPTEMBER 2010 - JUNE 2014

· Salutatorian   · Unweighted GPA: 3.95/4.00

Skills and Technologies

· Agile Methodologies, Python, C, Java, Flask, CentOS, PostgreSQL, DynamoDB

Experiences

ACCOLADE, INC. | PLYMOUTH MEETING, PA | MAY 2015 – PRESENT

· Intern on the Engagement Technology Group's Quality Assurance team
  - Working in Scrum environment and creating automated testing suites and process-improving tools

LMHS MINI-THON | HUNTINGDON VALLEY, PA | SEPTEMBER 2010 – JUNE 2014

· Co-Captain of Tech Committee for Lower Moreland branch of Penn State's THON (May 2012 – June 2014)
  - Helped school raise over $200,000 for the Four Diamonds Fund to fight pediatric cancer

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

· Designed, constructed, and programmed ball-firing robot tank in intensive 3-week program. Team placed 3rd in competition

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. Used Python with Flask, Arduino, Twilio, Mailjet, and Arduino

OPTI | PITTSBURGH, PA | FEBRUARY 2015

· Hack-A-Startup: Created automatic meeting using Google Calendar API with team. Used Python with Flask and RethinkDB

KOSBEAT | PITTSBURGH, PA | DECEMBER 2014

· CS Term Project: Developed geometric music generator that creates loops of sound from an on-screen creation. Used Python with PyGame

Activities

MUSIC | SEPTEMBER 2010 – PRESENT

· String Bassist in CMU All University Orchestra and Jazz Orchestra
  - All University Orchestra Vice President (May 2015 – Present), Publicity Chair (August 2014 – May 2015)
· Pennsylvania Music Educators Association Region VI Band: First-Chair String Bass (March 2013)

CARNEGIE MELLON ROCKET COMMAND | AUGUST 2014 – PRESENT

· Construct model rockets for launches twice a semester. Team placed first in egg launch competition (April 2015)

LMHS TECHNOLOGY STUDENT ASSOCIATION | FEBRUARY 2013 – MARCH 2014

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

LMHS 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)