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: Independent Study in Computer Science Pedagogy, Principles of Imperative Computation
· 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, JavaScript, Java, Flask, CentOS, PostgreSQL, DynamoDB

Experiences

ALL UNIVERSITY ORCHESTRA | PITTSBURGH, PA | AUGUST 2014 – PRESENT

· Vice President (May 2015 – Present), Publicity Chair (January 2014 – May 2015)
  - String bassist in club orchestra. Coordinate organization administration and rehearsal facilities

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

· Intern with the Engagement Technology Group, a Scrum team focused on engaging clients with Accolade's care
  - Created process-improving tools that run database sync jobs and grant access to services for new members of the team
  - Wrote automated testing suites using Selenium WebDriver and REST Assured that catch bugs before they affect clients
  - Decreased outbound customer support calls by 20% by improving the client portal's help form

LMHS MINI-THON | HUNTINGDON VALLEY, PA | MAY 2012 – JUNE 2014

· Co-Captain of Tech Committee for Lower Moreland branch of Penn State's THON, managing all technical setup for events
  - 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: Team designed, 3D-printed, and programmed robot that users can collaboratively control in Twitch-Plays-Pokémon style using SMS or email with team

OPTI | PITTSBURGH, PA | FEBRUARY 2015

· Hack-A-Startup: Team created automatic meeting scheduler using Google Calendar API with team

KOSBEAT | PITTSBURGH, PA | DECEMBER 2014

· CS Term Project: Team developed geometric music generator that creates loops of sound from an on-screen creation

Activities

JAZZ ORCHESTRA | PITTSBURGH, PA | JANUARY 2015 – PRESENT

· Bassist in auditioned ensemble that performs several times a semester in and around Pittsburgh

COMMAND | PITTSBURGH, PA | AUGUST 2014 – PRESENT

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

TECHNOLOGY STUDENT ASSOCIATION | HUNTINGDON VALLEY, PA | FEBRUARY 2013 – MARCH 2014

· Founder and captain of LMHS team for TSA math and engineering competitions. Team placed 3rd nationally in division

Honors and Awards

· Faith Endowment Scholarship for Academic Excellence (June 2014)
· LMHS Student of the Month for Character (February 2014), for Academic Excellence (March 2011)
· National Merit Commended Student (September 2013)
· Xerox Award for Innovation and Information Technology (April 2013)
· Pennsylvania Music Educators Association Region VI Band: First-Chair String Bass (March 2013)
· James J. Doyle Oral Proficiency Contest: 2nd Place, French (February 2011)