

Benjamin R. Posey

905 Cherokee Street
Pittsburgh, PA 15219

484-844-1788
brp76@pitt.edu

EDUCATION

University of Pittsburgh, Pittsburgh, PA Expected May 2018
B.E. Computer Engineering
Cumulative GPA: 3.35 / 4.00
Major GPA: 3.44 / 4.00

Dean's Honor List Spring 2016 – Spring 2017
Term Honor List Fall 2015 – Spring 2017

Relevant Coursework:

Digital Logic	Data Structures	Electronic Circuits	Computer Organization
Algorithms	Systems Software	Discrete Structures	Digital Systems Lab
Computer Architecture	High Performance Computing		

TECHNICAL SKILLS

Java	C	SQL	MySQL
HTML5	CSS3	JavaScript	UNIX
VHDL	Git	Arduino	Altera Quartus
LogicPort	Adobe Flash CS5	MIPS	MATLAB
Eclipse	Sublime Text	Microsoft Office	Windows & Mac OS

ACADEMIC PROJECTS

Multi-threaded Web Server Fall 2016
Created a web server with pthreads and Berkley Sockets in C to connect and respond to multiple clients
Freshman Engineering Conference – *The Use of Carbon Nanotubes for Water Purification* Spring 2015
Collaborated on a research paper to present to peers and experts in a professional setting

RESEARCH & ACTIVITIES

NSF Center for High-Performance Reconfigurable Computing (CHREC) May 2017 – Present
Researching with CHREC faculty on benchmarking NEON optimizations for ARM Cortex-A53 cores
Member, Robotics & Automation Society Fall 2015 – Present
Working with a team of Mechanical and Electrical Engineering students to build a lifelike hexapod robot and an interactive panther robot to be installed in Benedum Hall in Fall 2017
SteelHacks Spring 2017
Learned new technologies within 24 hours to make an LED game with an Arduino and analog stick
PittChallenge Pharmacy Hackathon Spring 2017
Used HTML, JavaScript, PHP, and MySQL to create a video chat for pharmacists and patients

VOLUNTEER WORK

Pitt Arrival Survival August 2015
Helped new students move into their dorms and become familiar with Pitt's campus
We Grow Hope Fall 2013
Harvested over 2000 pounds of crops to donate to the Chester County Food Bank

WORK EXPERIENCE

Grocery Associate, GIANT Food Stores, Exton, PA Summer 2015 & 2016
R&D Job Shadow, West Pharmaceutical Services, Inc., Exton, PA Summer 2013