

J. FANG

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EDUCATION

University of Pittsburgh, Pittsburgh, PA	Graduation: April 2017
Major: Bachelor of Science in Computer Engineering	GPA: 3.52
Completed coursework: Systems Software, Computer Organization and Assembly Language, Data Structures, Digital Logic, Analysis and Design of Electronic Circuits	
Current coursework: Computer Architecture, Advanced Digital Design, Programming Languages for Web Applications, Algorithm Implementations	
Technical skills: C/C++, unit testing, software development, embedded systems, Java, MATLAB, some full-stack web development, JavaScript, Linux/Unix, SQL/SQLite	

WORK EXPERIENCE

ZOLL Life Vest , Pittsburgh, PA	Jan. 2015 – Aug. 2016
<ul style="list-style-type: none">Cooperative education position in R&D software engineeringCollaborated with other engineers in software development for embedded systems	
Weeby.co (spin-off of Game Closure), Mountain View, CA	May 2016 – May 2016
<ul style="list-style-type: none">2-week internship experienceWorked with other developers to create animations for mobile games using JavaScript and the Game Closure DevKit API	
Magee-Womens Hospital , Pittsburgh, PA	May 2013 – Aug. 2013
<ul style="list-style-type: none">Pharmacy technician internshipPrepared medication orders (e.g. IV admixtures, controlled substances)Maintained patient profiles, medication inventory, and emergency medication cartsAssisted in departmental documentation and billing	

SERVICE

Society of Women Engineers, University of Pittsburgh , Pittsburgh, PA	Sept. 2015 – Present
<ul style="list-style-type: none">Demonstrated various aspects of computer engineering and other engineering fields to young people – especially girls – from elementary school age and up	
Barack Obama Academy of International Studies , Pittsburgh, PA	Sept. 2014 – Apr. 2015
<ul style="list-style-type: none">Mentored middle school student in pen pal program	
Lawrenceville Senior Community Center , Pittsburgh, PA	Mar. 2013 – Nov. 2013
<ul style="list-style-type: none">Served elderly patients through medication regimen assessment/reconciliation, blood pressure screenings, and education on prevention and treatment of common ailments such as joint pain	
Western Psychiatric Institute and Clinic , Pittsburgh, PA	Jan. 2013 – Apr. 2013
<ul style="list-style-type: none">Assisted therapists in care of geriatric patientsDeveloped presentation to educate health care workers on proper use of often misused restraints	
Wadsworth Hall Community Center , Pittsburgh, PA	Sept. 2012 – Dec. 2012
<ul style="list-style-type: none">Aided low-income residents on using computers to complete basic tasks, resume writing, and job applicationsLed the creation of a resource guide for low-income residents and their familiesTutored middle school students on various subjects	

HONORS AND AWARDS

Eta Kappa Nu (IEEE honor society)	Jan. 2016 – Present
National Society of Collegiate Scholars	Mar. 2012 – Present
University of Pittsburgh Full-Tuition Academic Scholarship	Aug. 2011 – Dec. 2014

EXTRACURRICULAR ACTIVITIES

Eta Kappa Nu (IEEE honor society) – <i>Vice President</i> since Oct. 2016	Jan. 2016 – Present
Society of Women Engineers – <i>Mentor</i> since Sept. 2015	Sept. 2014 – Present
Resident Student Association – <i>Senator</i>	Sept. 2011 – Apr. 2012