

J. FANG

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EDUCATION

University of Pittsburgh, Pittsburgh, PA

Graduation: August 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 LifeVest, Pittsburgh, PA

Jan. 2015 – Aug. 2016

- Cooperative education position in R&D software engineering
- Collaborated with other engineers in software development for embedded systems

Weeby.co (spin-off of Game Closure), Mountain View, CA

May 2016 – May 2016

- 2-week internship experience
- Worked 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

- Pharmacy technician internship
- Prepared medication orders (e.g. IV admixtures, controlled substances)
- Maintained patient profiles, medication inventory, and emergency medication carts
- Assisted in departmental documentation and billing

SERVICE

Society of Women Engineers, University of Pittsburgh, Pittsburgh, PA

Sept. 2015 – Present

- 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

- Mentored middle school student in pen pal program

Lawrenceville Senior Community Center, Pittsburgh, PA

Mar. 2013 – Nov. 2013

- 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

- Assisted therapists in care of geriatric patients
- Developed presentation to educate health care workers on proper use of often misused restraints

Wadsworth Hall Community Center, Pittsburgh, PA

Sept. 2012 – Dec. 2012

- Aided low-income residents on using computers to complete basic tasks, resume writing, and job applications
- Led the creation of a resource guide for low-income residents and their families
- Tutored 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) – *Vice President* since Oct. 2016

Jan. 2016 – Present

Society of Women Engineers – *Mentor* since Sept. 2015

Sept. 2014 – Present

Resident Student Association – *Senator*

Sept. 2011 – Apr. 2012