

Isabelle Xu Resume

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Education:

Washington University in St. Louis, Missouri

Expected graduation date: Dec of 2019

- Pursuing a B.S., Computer Science Major, Design Minor, Total GPA: 3.71/4.0

Employment Experience:

Summer Fidelity Investments Software Engineering Intern

May 20th – August 9th, 2019

- Worked with the FIAM full-stack development team on completing user stories on Jira, implementing new features, and writing automated tests focusing on the Pricing and Performance sector of <https://institutional.fidelity.com/app/home> (to production). Used Java, HTML(Angular), Javascript, Jxls, Jenkins

Summer State Street Corp. Software Engineering Intern:

Summer 2018

- Collaborated with FundConnect in order to do research and development using React/Redux packages, specifically Sencha ExtReact, React Formik, and Redux-Forms.
- Developed library prototypes and provided demos to assist the team in deciding which technologies to use for the next official version release (10.0.0) of FundConnect software.

Summer State Street Corp. Software Engineering Intern:

Summer 2017

- Collaborated with a development team to write a Rabbitmq broker server script for Fundconnect.
- Organized employee data through a python/SQL dictionary-based database

CSE 131 CS I TA/ CSE 330S Creative Prototyping and Rapid Dev. TA:

August 2017 – Current

- Working as a paid teacher's assistant to tutor current students with their computer science lab and studio assignments and to check and grade turned in assignments which involve full stack development.

Awards

- **Dean's list:** Washington University in St. Louis 2016-2019
- **Congressional Art Competition Award:** received 2013 through 2015

Projects:

- **Lighthouse** – Estimote Beacon project; Implemented a network of android apps and beacons that automate and expedite the full patient-doctor experience. Used Android Studio, Firebase, the Estimote API, the Google Calendar API, and more. Developed during a hackathon with the theme of improving healthcare.
- **IOT Garage door app:** Control the state of your garage door with a Particle Photon and mobile app.
- **IOT Nano:** Powered by the Particle Photon, a security monitoring bot that can sense the current state of the room (temperature, time, movement); controlled through a mobile web app with Cordova and PhoneGap.
- **WashU for You:** Website developed to help WashU students buy and sell custom WashU textbooks & to let students communicate/ask each other questions by class: <https://washu-books.firebaseio.com/>.

Leadership and Clubs:

- **Kapow:** Executive position 2017- current. WashU's comic creation club: Webmaster.
- **WiCs:** Women in Computer Science Club. Attend workshops, seminars, volunteering sessions, and guest speaker events to gain more insight about women's roles in the computer science industry.

Relevant Classes:

Computer Science I & II	Intro to Parallel and Concurrent Programming	OO Software Development Laboratory
Intro to Machine Learning	Web Development	Intro to AI
Logic and Discrete Mathematics	Data Structures and Algorithms	Intro to Systems Software
Calculus II & III	Matrix Algebra	Software Engineering Workshop
Internet of Things	Probability and Statistics for Engineering	Mobile Application Development
Analysis of Algorithms	Introduction to Visualization	Database Management Systems

Relevant Skills:

JavaScript (Node, React, Socket.io, d3.js), PHP, SQL, Java, Arduino/Photon C, HTML, CSS, Python, Linux, C++, Swift, Git, Firebase, Microsoft Office, Jira, Agile/Scrum development, Graphic Design, Traditional/Digital illustration