

Jessica Xing Wang
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Education

Tufts University, Medford, MA (2016 – 2020), GPA 3.89

Major: Computer Science, B.S.

Minor: Cognitive and Brain Sciences, B.S.

Relevant Coursework

Data Structures, Machine Structure and Assembly Programming, Web Programming, Cybersecurity, Discrete Math, Algorithms, Calculus II

Work Experience

Google/VacoSF, Medford, MA

Google Student Innovator, Tufts University (July 2018 – Present)

- Spreading awareness of Google Cloud Platform products through event planning and outreach
- Collaborating with teams at Google to provide feedback and inform product development of Cloud Platform products

Progress Software, Bedford, MA

Software Engineering Intern (August 2018 – November 2018)

- Implemented a collection of multiline log file validators to assist in the quality assurance testing of Elastic Stack Logging integration with the company's Dockerized application server
- Researched and demo-ed how to properly visualize and manage log data with Kibana
- Designed and implemented a sample web application in Javascript and AngularJS that visualized sample data, helping customers learn more about how to use Progress' OpenEdge service

DevTech Labs, Medford, MA

Research Intern (July 2018 – Aug 2018)

- Collaborated with Wellesley College's Human Computer Interaction (HCI) Lab
- Explored the potential of novel technologies to aid young children's learning of bioengineering
- Analyzed data with SPSS from past child interactions with the CRISPEE device, a tool designed to facilitate computational thinking, debugging, and bioengineering skills in early childhood

Tufts University Department of Computer Science, Medford, MA

Teaching Assistant (July 2018 – Aug 2018)

Course: Introduction to Computer Science

- Led lab sessions for students, covering new concepts and answering questions
- Held office hours for students
- Graded homeworks and projects

Nuance Communications Inc., Beijing, CN

User Experience/User Interface (UX/UI) Design Intern (June 2016 – Sept. 2016)

- Collaborated with the UX/UI Design team and constructed flow charts using Microsoft Visio
- Translated documents from English to Chinese (and vice versa)
- Tested prototype speech-recognition products
- Partook in a design workshop presented to employees at Xiaomi

Skills

Programming Languages: C/C++, Python, HTML/CSS, JavaScript, Assembly Language, Swift

Software Packages: Git, GitHub, Heroku, Atom, Sublime Text, XCode, Microsoft Office Suite, Google Suite, SPSS

Databases: MongoDB, MySQL

Environments: UNIX, Node.js + Express, Docker

Foreign Languages: Fluent English, Chinese

Projects

MovieGen (July 2018)

- A random movie generator, built with HTML/CSS, Javascript, Node.js + Express, Heroku, and the TMDB API

Tufts Polyhack (Hackathon, October 2017)

- Created an event-mapping program allowing clubs and organizations around Tufts to upload events in real time
- Created with JavaScript, PHP, and SQL, using the Google Maps API and Laravel
- Project was a finalist

Personal Information

- U.S. Citizen
- Native language: English