

Mengyuan (Jerry) Wu

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Work Experience

IBM – San Jose, CA

Aug 2017 – Present

Software Engineer

- Software Engineer on IBM's Hybrid Cloud platform experienced in React, Electron, and Kubernetes
- Developing IBM Watson Studio Desktop, an Electron and React-based data science application spanning multiple teams and components; technical lead for the Electron component
- Frontend engineer on IBM Watson Studio Local, a data science platform for the private cloud; utilized React to implement new UI and integrate a new set of APIs for a feature
- Lead developer for IBM DSX Desktop, a data science application built on Electron, React, and Docker; contributed various improvements, such as removing 240k+ lines of code in a refactor

Booz Allen Hamilton – Honolulu, HI

June 2016 – Aug 2016

Summer Intern

- Researched the potential for using blockchain and mesh networks in a distributed supply chain to reduce logistical costs for disaster relief organizations
- Assisted with developing a proof of concept in Java; implemented proof of work algorithm for adding new blocks to the blockchain

AMD – Austin, TX

Jan 2016 – May 2016

Co-op Engineer

- Developed a web application using jQuery and PHP to upload/view .csv files to/from a MySQL database; implemented features such as error checking on upload and revision tracking

Projects

GitHub Issue Visualizer

Oct 2018 – Present

- Web application that plots a GitHub repository's issues over time, built on React, Chart.js, and GitHub's GraphQL API
- Implemented fetching issues recursively to get past GitHub's limit of 100 at a time

GitHub Markdown Printer

Mar 2018 – Present

- Chrome extension that prints GitHub Flavored Markdown exactly as it appears on GitHub

GPSend

Aug 2016 – Dec 2016

- Android application that enables users to share their location with just three taps

Technical Skills

- JavaScript, C, C++, Python, Java
- React, Electron, NodeJS, Kubernetes, Docker
- Git, Bash, Jenkins, Travis

Education

University of Hawaii at Manoa – Honolulu, HI

Aug 2013 – May 2017

B.S. Computer Engineering, GPA: 3.9/4.0