Jerry Wu

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About

Software engineer with 5 years of experience. I value code quality, good developer tooling, and working on meaningful products.

Skills

- JavaScript, TypeScript, React, Redux, HTML, CSS
- .NET, NodeJS, ElectronJS, Docker, Kubernetes, Nginx, Azure
- Git, Unix, macOS

Work

Software Engineer II, Microsoft – Redmond, WA   May 2021 – Present
- Microsoft Research - building a web app using modern web tools
- Decreased JS bundle size by 91% via code splitting, minification, and compression
- Built out new infrastructure to automatically deploy PR code changes for reviewers to test out. Deployed in Azure for <$1/month.

Software Engineer II, Microsoft – Bellevue, WA   Apr 2019 – May 2021
- Developed features for the notification center on bing.com using ASP.NET, TypeScript
- Increased daily notification center impressions by 27% by expanding to more users
- Increased daily notification clicks by 26% by bringing them to mobile
- Revamped bing's follow button from legacy to modern stack (~3M daily impressions)

Staff Software Engineer, IBM – San Jose, CA   Aug 2017 – Apr 2019
- Lead developer of a data science desktop app built on Electron, React, Docker
- Significantly reduced errors by improving our interface with the docker daemon
- Created an in-app space invaders game as an easter egg using the HTML Canvas API
- Developed npm modules to call Segment APIs, wrote in-depth documentation

Co-op Engineer, AMD – Austin, TX   Jan 2016 - May 2016
- Developed a web app to upload and view CSVs to a MySQL database using jQuery, PHP
- Implemented features like error checking on upload, revision tracking, field filtering

Projects

Messenger Dark Theme
- Dark theme for Facebook Messenger web
- Released on Chrome and Edge with combined 11k users and 5 stars

Education

University of Hawaii at Manoa   Aug 2013 – May 2017
B.S. Computer Engineering, GPA: 3.9/4.0