# Jerry Wu

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## About

Software engineer experienced with the modern web. I love building great products that make people's lives easier.

## Skills

- JavaScript, TypeScript, React, Redux, HTML, CSS, C#
- ASP.NET MVC, Node.js, Docker, Kubernetes

## Work

### Software Engineer II, Microsoft – Redmond, WA                    May 2021 – Present

- Building a web app using modern web tools: TypeScript, React, Redux, Fluent UI

### 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

### GitHub Markdown Printer

- Browser extension to print GitHub Markdown *exactly* as it appears on GitHub; 2k+ users
- Implemented automated daily tests using CircleCI

### Wind Sensor

- Programmed a microcontroller to emit sound waves and measure their flight times to derive wind speed and direction on a small scale

## Education

### University of Hawaii at Manoa                    Aug 2013 – May 2017

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