

Jerry Wu

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About

Software engineer experienced with the modern web; loves building great products with modern technologies like React

Skills

- **Frontend:** JavaScript, TypeScript, React, Redux, HTML, CSS
- **Backend:** ASP.NET, C#, Node.js, Docker, Kubernetes

Work

Software Engineer II, Microsoft – Bellevue, WA

Apr 2019 – Present

- Developed UX features for bing.com's notification center using ASP.NET and TypeScript
- Expanded the notification center to more users, increasing daily impressions by 27%
- Implemented mobile notification center, increasing daily notification clicks by 26%
- Performed a live migration of the follow button on bing.com (~3M daily impressions) from a legacy to modern stack

Staff Software Engineer, IBM – San Jose, CA

Aug 2017 – Apr 2019

- Lead developer of a data science desktop app built on Electron, React, and Docker
- Significantly reduced errors during installation and runtime by improving the way we interfaced with the docker daemon
- Improved installer UX by implementing an accurate progress bar
- Created an in-app space invaders game as an easter egg using the HTML Canvas API

Co-op Engineer, AMD – Austin, TX

Jan 2016 - May 2016

- Developed a web app to upload and view .csv files to a MySQL database using jQuery and PHP
- Implemented features such as error checking on upload, revision tracking, and filtering

Projects

GitHub Markdown Printer

- Browser extension to print GitHub Markdown exactly as it appears on GitHub; 2k+ users
- Implemented automated daily tests to detect when changes to github.com breaks it

Wind Sensor

- Programmed an Arduino-based microcontroller to emit sound waves and measure their propagation delays 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