

Bryan Aument

Front End Software Engineer

(717) 696-9717

bryaument@gmail.com

itsbryan.me

linkedin.com/in/bryanaument/

Experience

Ernst and Young

Front End Software Engineer (*Pennsylvania*): 8/2019 - Present

- Migrated an angular 2 codebase to angular 16, improving type safety by introducing unified type declarations, improved maintainability and scalability by refactoring large components into reusable abstractions.
- Built an accessible, scalable web component library for a client with dozens of teams needing to unify their codebase and theming. Improved library to WCAG AA compliance, and test coverage for all components to 80% using jest and puppeteer.
- Developed a vacation settings feature for a mobile application that interacted with IOT devices across a user's properties using optimistic updates to set modes while away. Technology: React Native.
- Lead a small team of three developers to align a Material UI theme wrapper with a themed component library so multiple teams could slowly adopt our new component library. I managed scope, direction and intake for all work with the themed wrapper.
- Built and deployed a React and Storybook front end documentation tool. The tool integrated salesforce designs and custom designed through collaboration with the UX design team. Created a rapid prototype mock of components to increase the speed of front end development for the backend integration team.
- Organized and lead tech talks to pool knowledge of developer's current work across multiple client engagements.

Apple

Specialist (*Pennsylvania*): 10/2016 - 05/2018

- Produced over \$500,000 in sales within the first three quarters and maintained customer satisfaction score of 98%.
- Solved customer issues such as recovering lost data, learning to use new devices, and Japanese language support.

Japan Exchange and Teaching Program (JET)

Language Teacher (*Japan*): 8/2013 - 8/2016

- Orchestrated target language and cultural curriculum across 8 elementary and 3 junior high schools.
- Assisted city hall's sister city program; consulted for speech translations, pen-pals and other intercultural logistics.

Education & Projects & Skills

Millersville University of Pennsylvania: B.S. Computer Science *Magna Cum Laude*

The Pennsylvania State University: B.A. International Politics (*International Relations*)

The Pennsylvania State University: B.A. Japanese

Sajeon: A Korean & English full stack web application built with React & Next.js, MongoDB, GraphQL, Express.

Chat Completion (GPT): A small phrase completion app built with Next.js, ChatGPT, openai, tailwind css, typescript.

Neko: CATAAS API integration with React & TS to generate cat images and gifs within given parameters (Japanese).

Portfolio Website: My current projects and highlights bundled together. Built with React, i18next, motion, Netlify.

Languages: Javascript, TypeScript, HTML, CSS, Sass

Technologies: React, Next.js, Stencil, Jest, Storybook, Testing Library

Japanese Language: Advanced

Additional Experience

Philadelphia Development Meetup: Organized weekly events for local and aspiring software developers.

Embassy of Japan DC: Presented keynote on life and work in Japan for JETs, embassy staff and dignitaries.

Embassy of Japan DC: Assisted with Japan Exchange and Teaching program USA's promotional video and planning.

US Embassy in Tokyo: Created volunteer organization; assisted with cultural programs for English and study abroad.