Alexander Liang

aliang97work@gmail.com - (757) 813-1275 - https://aliang97.github.io/Resume/

SKILLS

Languages: Javascript, Typescript, HTML, CSS, SCSS, SQL, Golang, Closure-Templates, Handlebars
Frameworks: React, Vue, Tailwind, jQuery, NodeJS, ExpressJS
Tools: Git, Webpack, Vite, Grunt, Jenkins, NPM, Postman

EXPERIENCE

Software Engineer, Yext   2019 - 2024

- Built customized landing pages, store locators, and directories for clients using Closure Templates or React with a focus on search engine optimization, responsive design, and user activity analytics tracking. For some examples of my work, you can visit these live pages:
    - https://locations.outback.com (100k average daily pageviews)
    - https://storelocator.asda.com (50k average daily pageviews)
    - https://bankers.amerisbank.com (10k average daily pageviews)
- Implemented Extract-Transform-Load (ETL) routines to automatically pull data from client API endpoints into the Yext platform using Golang with a focus on test-coverage and error reporting.
- Improved team efficiency by updating internal tooling - refactored webpack config & plugins to upgrade from v3 to v4, developed reusable components for the Yext component library, etc.
- Directed a modernization effort to switch from Closure Templates to React. Replicated the Yext component library in React. Set up a Yext react starter app to quickly spin up new projects.
- Added multi-language support with react-i18next to the Yext react starter app. Wrote scripts to automatically generate and sync .po files with the Yext Smartling account.
- Established procedures & criteria for upgrading existing pages from Closure Templates to React. Wrote and maintained documentation describing how various features should be upgraded.
- Led the React Rebuild team to upgrade existing pages from Closure Templates to React. Communicated with stakeholders about timelines, broke down projects, and assigned work.
- Mentored and trained engineers who joined the React Rebuild team. Provided feedback and made suggestions to engineers via pull requests and pair programming.

Intern, SimonComputing   2017 - 2018

- Created a React UI for internal use which tracked the company's in-flight projects and contracts.
- Gathered feedback and suggestions from other employees. Prioritized bug fixes and feature requests based on estimated difficulty and user impact.

Intern, NASA Langley Research Center   2015 - 2016

- Gathered psychophysiological data from pilots in flight simulators being subjected to hypoxic conditions to measure their ability to make quick and accurate decisions.
- Trained a machine learning classifier to identify if a pilot's condition was impaired due to hypoxia.

EDUCATION

University of Virginia - BS in Computer Science (GPA: 3.9)   2015 - 2019