Nathaniel Allred

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Work Experience

Software Engineer at Leadpages *(Jun 2018 - Present)*

- Instrumental in adding a sites builder to the existing Leadpage builder.
- Revamped the signup and payment experience, including PayPal integration.
- Made a business intelligence data pipeline and accompanying data visualizer.
- Resolved performance bottlenecks and implemented performance regression tests.
- Relentlessly pared down unused code.
- Tech Stack: React, Redux, Typescript, Python, Scala, Akka

Front End Engineer, Jr. at NRT Web Services *(Jan 2018 - Jun 2018)*

- Reduced CSS bundle size by 20% on the most visited page via module loading.
- Created an automated CSS usage tracking tool with Puppeteer.
- Used Highcharts to create an interactive mortgage calculator.

Front End Developer at True Source *(NRT Web Services: Jul 2017 - Dec 2017)*

- Worked on a public facing, high traffic site (coldwellbankerhomes.com).
- Created a Javascript dependency visualizer for reducing code complexity.
- Advocated use of new web APIs, technologies, and language standards.
- Championed code reuse and functional programming techniques.
- Tech Stack: ES6, jQuery, SASS, Gulp, NPM, TFS, VSTS, Git

Front End Developer at Randstad USA *(Best Buy : Jul 2016 - Jun 2017)*

- Trained new teammates on the tech stack and taught them domain knowledge.
- Worked with business, QA, UX and engineers to ensure quality, on-time products.
- Testing: converted Karma/Mocha to Jest and doubled coverage to 80%.
- Decoupled our codebase from another by creating a separate build process.
- Tech Stack: React/Redux, ES6, LESS/CSS (BEM), Jest, Jenkins, Grunt, Webpack

Education

- B.A. International Relations from Brigham Young University (December 2015)
- Front End Web Development Certification through Free Code Camp (February 2016)

Other projects

- Volunteering calendar app (Elm, Python, Flask)
- Command line mortgage calculator (Haskell)
- Book library management system (Haskell, Yesod, Postgres)
- Client-side scripture searcher (Rust, WebAssembly, Typescript, React)

Service

- Volunteer tutored a high school math student (Sep 2018 - Feb 2019)
- Mentored an auditor becoming a front end developer (Sep 2017 - Jan 2018)
- LDS Missionary in Rosario, Argentina Mission (Aug 2010 - Aug 2012)
- Eagle Scout (2009)