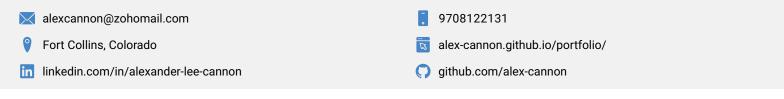
# Alexander Cannon

### Full-Stack Engineer | Front-End Focus

With over 3 years of experience designing, building, and testing applications using ReactJS, Java, and AWS I'm confident I can be an asset to any team. In addition to my core ReactJS knowledge, I have expertise in HTML, CSS, and JavaScript. I'm interested in teams that value quality, clean code and testing.



### SKILLS / SDKS



### **WORK EXPERIENCE**

## **Software Developer II**

#### Floor & Decor

02/2022 - Present

Retailer of hard-surface flooring and related accessories.

Achievements/Tasks

- Responsible for designing & developing SPAs and RESTful APIs in ReactJS, HTML5, CSS3, Java, and Spring Boot.
- Reduced ReactJS bundle size by ~200kb by replacing an NPM package with under 200 lines of code.
- Rapidly fixed critical bugs in inventory adjustment processing.
- Taught teammates ReactJS best practices via code reviews.

#### **Full-Stack Engineer**

#### Touchtown

11/2020 - 02/2022

Touchtown offers simple senior living technology for communities that want to connect.

Achievements/Tasks

- Responsible for designing & developing SPAs and RESTful APIs in ReactJS, HTML5, CSS3, Java, and Spring Boot.
- Mentored team on how to write accessible, quality, ReactJS tests with Testing-Library.
- Reduced ReactJS bundle size by 25% by identifying & optimizing usage of NPM package.
- Increased supported upload file size from 2 gigabytes to up to 5 terabytes by developing a Spring Boot RESTful API using the AWS SDK.

# **Junior Software Engineer**

#### **U.Group**

11/2019 - 11/2020

Formerly Bytecubed, U. Group offers IT services primarily to the public sector including the Department of Defense.

Achievements/Tasks

- Responsible for designing & developing SPAs and RESTful APIs in ReactJS, HTML5, CSS3, Java, and Spring Boot.
- Migrated over 23 legacy Angular components to React with no previous knowledge of Angular.
- Promoted code quality with knowledge of JavaScript & Typescript best practices, TDD, SOLID principles, DRY code, and clean code.
- Reduced API call latency by over 8% by removing unnecessary sql / mmsql Database look-ups.

### **WORK EXPERIENCE**

### **Freelance Web Developer** Self-Employed

08/2019 - 11/2019

Worked on a project for Colorado State University's Math Department.

Achievements/Tasks

- Responsible for designing and developing thetensor.space using Jekyll, JavaScript, JQuery, HTML5, CSS3, Sass.
- Developed custom scripts to dynamically pull repository data from GitHub's RESTful API.
- Implemented KaTex, a JavaScript library for rendering complex mathematical formulas.

### **EDUCATION**

### Fruita Monument High School

Free Code Camp

06/2017 - 08/2018

Achievements/Tasks

Recognized in excellence and honors in Technology Education Department.

### **CERTIFICATES**

AWS Associate Developer (10/2020 - 10/2023)

Demonstrate proficiency in developing, deploying, and debugging cloud-based applications using AWS.

#### Front End Libraries | Free Code Camp (02/2019 - Present)

400 hours of React, Redux, JQuery, Bootstrap, and Sass. Built 5 React projects using the technologies and hundreds of small challenges along the way.

#### JavaScript Algorithms and Data Structures | Free Code Camp (02/2019 - Present)

300 hours of JavaScript and Data Structures, ES6+, Regular Expressions, Debugging, Object Oriented Programming, & Functional Programming

#### Responsive Web Design | Free Code Camp (02/2019 - Present)

300 hours of HTML / HTML5, CSS3, visual design, applied accessibility, responsive web design, CSS Flexbox, and CSS Grid. Built 5 responsive projects.

### **PERSONAL PROJECTS**

Codepen clone (01/2019 - 04/2019)

- Created a basic clone of codepen.io.
- Built with React, NodeJS, JavaScript and ES6+.

#### Fort Collins Fire Department Service Directory (04/2019 - 08/2019)

- Responsible for Front End Development of https://fd-servicedirectory.herokuapp.com, a free public service to help fire-fighters match people-in-need with non-profits.
- Built with React, Google Sheets APIs, Typescript, JavaScript, and ES6+.

#### Secret Santa Shop (09/2018 - 01/2019)

- Led a team of 2 other developers to build a Secret Santa shop during a "Chingu Voyage".
- Built with React, NodeJS, JavaScript & ES6+.

3.8 GPA