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# Adam Alcott

Software Engineer

## Technical Skills

Strong: Typescript | JavaScript | React | Redux | Atom | Material-UI | Material Design | Bootstrap | Webpack | Babel | JQuery | ES6+ | Websockets | Node/Express | RESTful APIs | HTTP | Git | Jest | CSS | Styled Components | IoT | MQTT  
Experienced: Golang | SQL | AngularJS | MongoDB | Backbone | D3 | OAuth | | Heroku

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## Experience

ClearBlade, Full-stack Developer

*Enterprise IoT company building cloud and edge computing platform across any industry and any infrastructure*

- Conversion and maintenance of platform console and portals from AngularJS to React/Redux infrastructure
- Owner and leader of multiple projects and various teams, including custom portals, a rules engine for our platform, and node applications to streamline customers' development processes
- Frontend team second-in-command, taking full lead at times, leading new developer interview process, training new employees, and being point of contact for the entire company regarding UI.
- Allocated as a part-time contractor to critical customer BNSF, trusted with management/development of UI

Hello World, Web Development Instructor

*Teaching program that brings coding classes to elementary, middle, and high school students*

- Teach fundamental coding concepts to grades 5 - 12
  - Mentor high school students in freelance endeavors and internship opportunities at various companies
  - Effectively make the connection between students and parents, advocating the importance of these tools for the future and leading to personal relationships and private tutoring
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## Applications

CodeUp, Full-stack Developer | <https://github.com/Henriettas-Army/CodeUp>

*Site where people of similar software interests can collaborate and connect through chat, endorsements, and events*

- Constructed full-stack authentication system with GitHub OAuth login and issuance of JSON Web Tokens in React/Redux application, securing all API routes and system communication with JWT verification
- Built user tables and queries in MongoDB using Mongoose, connected to front-end using Node.js
- Built frontend components
- Implemented site-wide search functionality, covering users and events

Q, Full-stack Developer | <https://github.com/aalcott14/Q>

*Site that connects paying users to people who will wait in long lines for them.*

- Implemented RESTful APIs to Google Places, providing specific coordinates of cities, autofill search functionality, and address/photo components of local establishments
  - Built MySQL database with team, constructed models for querying database and handling data and authentication requests
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## Education

Hack Reactor  
*Advanced Software Engineering Immersive Program, 2017, Austin, TX*

The University of Texas  
*B.A. in Psychology, 2013, Austin, TX*

## Personal

Soccer fanatic and scuba enthusiast. One of my biggest goals in life is to become a PADI-certified dive master and travel the world exploring as much of the ocean as I can.

