Austin, Texas
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Adam Alcott
Software Engineer

Technical Skills

Strong: JavaScript | React | MySQL | SQLite3 | AngularJS | MongoDB | Node/Express | RESTful APIs | ES6 | Git
Experienced: Backbone | jQuery | CSS3 | D3 | Socket.io | OAuth | Redux | Heroku

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Applications

CodeUp, Full-stack Developer | codeup.life | 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 and connected to front-end using Node.js routes and controllers
- Utilized ES6 Promises to render Annotated Meter graph of any user's language use in bytes pulled from every one of the user's GitHub repos
- Implemented site-wide search functionality, covering users and events, as well as providing private/public event options, chronological display, and calendar date selector

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
- Expanded search functionality with location filtering and sorting functions, applying Material UI buttons and drop-down menus to enhance user experience

GoalPosts, Full-stack Developer | https://github.com/aalcott14/GoalPosts
Site for documenting and tracking short and long-term personal goals
- Generated login/signup authentication system, utilizing JSON Web Tokens and and securing API routes with JWT verification
- Built front-end with AngularJS, implementing protected routing with ngRoute module
- Configured and used SQLite3 database with Knex query builder and implementation of migrations, and constructed models to communicate with Angular services and controllers
- Added full size calendar view and list views with goal selection, detail, and completion functionality

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Experience

Cognition, Culture, and Development Lab, *Lab Manager*
2016 - Austin, TX
- Managed lab funding and assisted with grant proposal drafting, including a $2 million grant from the National Science Foundation
- Lead organizer of an international conference hosting 300+ academics and speakers
- Recruited, hired, and trained teams of 20+ research assistants

Uvita Christian Academy, *Elementary School Teacher*
2015 - Uvita, Costa Rica
- Graded and organized students' work while coordinating school functions and communicating with parents
- Coached PE and led after-school soccer program for local community

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.