**Software Engineer**
Oakland, CA
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# Kristina McElveen

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## Languages and Technologies

**Strong:** Javascript, AngularJS, Node/Express, MongoDB, RESTful APIs, HTML5/CSS3, jQuery, Git, Heroku, TDD, FireBase, Socket.io
**Experienced:** React, Redux, WebPack, Backbone.js, MySQL, D3, OAuth2, AWS, Docker, ES6, Nodal.js

## Recent Applications

**Paired-Up**  |  Fullstack Engineer  **|**  Scrum Master                          **https://paired-up.herokuapp.com**
*Single-page web application that enables software engineers to pair-program in real-time*
- Built and implemented video-chat feature with unique URL's using WebRTC API, Socket.io, Express, and AngularJS.
- Designed modular model/controller system for file system and user profile using MongoDB and Angular.
- Constructed RESTful API layer for user profile feature to persist data using Node/Express and MongoDB.
- Architected modularized full-stack application to manage effective team contribution and version control.
- Implemented user authentication with OAuth2 and Github strategy to enable secure access to the application.

**BondFire**  **|**  Fullstack Engineer                                           **https://bondfire2.firebaseapp.com**
*Social network for software engineering graduates*
- Designed responsive content management blog system for frontend using AngularJS, HTML5 and CSS3.
- Implemented code-editing feature using Repl.it online interpreter and AngularJS.
- Integrated user data with map visualization using the Github API, FireBase, and AngularFire.
- Enabled security rules for data validation using Firebase Realtime Database Rules.

## Professional Experience

**Software Engineer + Fellow |** Hack Reactor                                              2015 - 2016
- Taught 150+ students intermediate JavaScript and computer science concepts, increasing Telegraph Academy's enrollment by 30%.
- Developed test-driven curriculum to reinforce programming concepts and increase student engagement, providing 100% test coverage.
- Conducted technical interviews to evaluate prospective Telegraph Academy applicants.
- Promoted ahead of schedule; managed over twenty technical teaching assistants.

**Senior IT Specialist  |** Autodesk, Inc.                                                2013 - 2015
- Awarded Autodesk Spotlight Award for meeting Service Level Agreements and having outstanding customer service.
- Created IT training program, which decreased training time by one week and increased material retention by 30%.
- Mentored new team members in technical procedures and workflow processes to streamline customer experiences.

**Information Systems Specialist  |** Contra Costa Health Department                       2013
- Provided daily technical support to customers at CCC clinics and hospitals with 90% first call resolution.
- Developed self-help tutorial processes for customers, reducing calls by 10%.
- Troubleshot and resolved hardware and software issues on Mac, Windows, and Linux operating systems.

**Technical Support Specialist |** The Stride Center                                       2012 - 2013
- Created user-friendly electronic ticketing system to track and fix technical problems through Excel scripting.
- Restructured data center, including configuring better fault tolerance mechanisms on servers, cutting downtime by 40%.
- Developed new employee onboarding process, decreasing ramp up time by 75%.

## Education

| **Hack Reactor** | **San Francisco State University** |
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| Advanced Software Engineering Immersive Program, 2015 | BA in Criminal Justice, Cum Laude, 2012 |

## Personal

Semi-pro mixed martial arts fighter. Pre-1965 gold and silver coin collector.