

Colin McDonald

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SKILLS

Strong: Javascript, React, Redux, Node.js, Express, Mocha, Chai, Sinon, Enzyme, Webpack, ES6, Github

Experienced: AngularJS, D3, MySQL, MongoDB, Istanbul, Agile, Continuous Integration

PROJECTS

Polis | Full Stack Engineer | Lead Engineer

polislife.herokuapp.com

Find your congressional representative and see how your political views compare

- Wrote unit tests with 85% code coverage using Mocha, Chai, Enzyme, and Sinon
- Created D3 graph to show most commonly used words by congressperson
- Engineered user voting system and authentication with React, Redux, and Passport's JWT Strategy
- Implemented automatic retrieval of representative's info utilizing the Google Maps and GovTrack API

ReactGo | Full Stack Engineer

github.com/reactGo/reactGo

React server-side rendering boilerplate with over 1500 stars

- Tested business logic using Mocha, Chai, and Sinon, increasing test coverage 10 fold

Best Friends Club | Full Stack Engineer | Lead Engineer | Product Manager

tga-fightclub.herokuapp.com

Battle your friends to see who is your 'best' friend

- Created the displaying, selecting, deselecting, and fight algorithm of characters using React and Redux

Jobber-Logger | Full Stack Engineer | Scrum Master

jobber-logger.herokuapp.com

Streamlines the your application process while you search for jobs

- Integrated token-based authentication system with Node.js
- Developed view switching, company listing, and dates component utilizing AngularJS

EXPERIENCE

Telegraph Prep | Full Stack Engineer | Lead Engineer | Berkeley

2016

- Designed and created learning management system using React, Express, and Github OAuth for authentication
- Engineered and deployed Continuous Integration server for testing, commenting, and closing user pull requests
- Implemented Mocha custom reporter to generate comments in Markdown based on testing results

Telegraph Academy | Hacker-in-Residence | Berkeley

2016

- Led weekly after hour talks on React and Redux
- Mentored advanced engineering students in the initiation and architecture of their projects
- Delivered algorithm solution lectures and assisted students with their learning of data structures

Moss Adams | Office Assistant | San Francisco

2013 - 2016

- Reconfigured and streamlined the printing and binding process of this Bay Area Top 10 Accounting Firm, increasing productivity by 25%
- Organized the relocation of the firm with our Office Manager, resulting in savings of \$30,000/month
- Created training system, documentation, and led training of all new office assistants

EDUCATION

Telegraph Academy | Advanced Immersive Software Engineering Program

2016

University of California, Santa Cruz | Bachelor of Arts, Philosophy

2005 - 2009

- Intro to Symbolic Logic; Intro to Javascript

PERSONAL

Music | Play guitar and bass. Previous bands have released an EP and recorded an LP.

Food | Avid cook. Love to BBQ, make bread, and brew beer.

Travel | Spent a month biking across Cuba and six months working and travelling through Eastern Australia.