

Martin Kwan

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SKILLS

Strong: JavaScript (ES6), React.js, Redux, AngularJS, Node.js/Express, HTML5/CSS3, Grunt, jQuery, Bootstrap, D3.js, Git
Experienced: SQL, Backbone.js, Passport, Mocha, Chai, Jasmine, MongoDB, MySQL, Webpack, Handlebars.js

RECENT PROJECTS

Cleanify Bot | Full-Stack Software Engineer 2016 - Present

Web application that analyzes emails for offensive words and for its sentiment score to prevent workplace harassment

- 1st place winner of AngelHack Lady Problems Hackathon San Francisco's "Best use of HPE Haven OnDemand to improve women's safety, health, culture, or economic empowerment"
- Design single page application with React and Gmail API to easily send emails directly from application
- Create routes in Node/Express server for RESTful API calls to analyze text for offensive words and sentiment
- Collaborating with HP Enterprise to further develop app to become a larger service with broader applications

Git Central | Full-Stack Software Engineer & Scrum Master | www.gitcentral.com 2016

Web application that allows users to visualize their Github repositories to improve their workflows

- Utilized D3 to implement responsive charts that re-render based on user selection to display commits based on hour, weekday, date, and keywords, resulting in an intuitive UI and understanding of user commit habits
- Identified Github API's missing branch information by writing algorithm to recursively traverse each item in data set, to accurately visualize a repository's timeline of its branches
- Built mobile-responsive UI with React, Bootstrap and Redux for a smooth UX on mobile, tablet, and desktop

Sozaic | Full-Stack Software Engineer 2016

Social media aggregator that displays Facebook, Twitter, Instagram, and Youtube feeds in one convenient place

- Designed single page application with Angular to easily navigate between different social media feeds
- Implemented Passport-based OAuth authentication allowing app to access users' social media posts

Previewify | Full-Stack Software Engineer | previewify.herokuapp.com 2016

A web application to search, view and preview artists' top songs, albums, and related artists.

- Designed mobile-first user interface with Bootstrap, jQuery and Handlebars.js for an optimized UX on all screen sizes
 - Created routes in Node/Express server for RESTful API calls to gather Spotify data depending on user search input
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PROFESSIONAL EXPERIENCE

Office of the Vice Chancellor and Chief Financial Officer | IT Support Specialist Davis, CA | 2013 - 2015

- Provided technical support for 100+ UC Davis staff in 10+ departments, including the Offices of the Chancellor
- Installed 100+ computers following department standards while simultaneously meeting user specific needs

Quipt | Internet Analyst (Intern) Folsom, CA | 2014

- Tested Quipt's cloud based software for browser compatibilities, style, and bugs
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EDUCATION

Hack Reactor
University of Davis, California

Advanced Immersive Software Engineering Program | 2016
Bachelors of Arts in Economics | 2015

PERSONAL

I love DJing and discovering new music to share. My mixes are known to get people through late nights of coding.