

# Martin Kwan

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## SKILLS

**Strong:** JavaScript (ES6), React.js, Redux, Webpack, AngularJS, Node/Express, HTML5/CSS3, GruntJS, jQuery, Bootstrap, Sass, Git  
**Experienced:** Handlebars.js, Gulp.js, SQL, Backbone.js, Passport, Mocha, Chai, Enzyme, MongoDB, MySQL, D3.js, Sketch

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## RECENT PROJECTS

**CleanifyEmail** | Full-Stack Software Engineer 2016

*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"
- Designed single page application with React and Gmail API to easily send emails directly from application
- Created routes in Node.js/Express.js server for RESTful API calls to analyze text for offensive words and sentiment

**Git Central** | Full-Stack Software Engineer & Scrum Master | [www.gitcentral.com](http://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

**HNGRY** | Full-Stack Software Engineer | [hngry.herokuapp.com](http://hngry.herokuapp.com) 2016

*Web application that searches for and plots nearby restaurants on a map.*

- Built front end with React, and Redux that synchronizes the restaurant list, filter, and the map
- Wrote unit tests with Mocha, Chai, and Enzyme to support continuous integration with Travis CI
- Utilized modular SASS styling conventions for a responsive, and easily maintainable front-end

**Previewify** | Full-Stack Software Engineer | [previewify.herokuapp.com](http://previewify.herokuapp.com) 2016

*Web application that searches, views and previews artists' top songs, albums, and related artists.*

- Designed mobile-first user interface with Bootstrap, jQuery, Sass 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

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## PERSONAL

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