

# 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

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## 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](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

**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](http://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

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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.