

# Jonathan Yuen

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GitHub: [github.com/jonwyuen](https://github.com/jonwyuen)

Portfolio: [jonwyuen.com](https://jonwyuen.com)

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## >LANGUAGES AND TECHNOLOGIES

- **Proficient:** JavaScript (ES2016), ReactJS, Redux, Node.js, Express, SQL, PostgreSQL, MongoDB, Python, Flask, Git, Heroku, Bootstrap, jQuery, HTML5, CSS3, SCSS
  - **Exposure:** Ruby, Rails, RSpec, AWS (Boto), D3.js, Mocha, Chai, Jasmine, Jest, CoffeeScript
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## >PROFESSIONAL EXPERIENCE

### [Tunelark](#) | Software Engineer, Contract | San Francisco, CA

2017

- Developed account edit modal component for settings menu using JavaScript, ReactJS, Redux, SCSS, Ruby on Rails, and PostgreSQL, rendered across over 95% of front end views.
- Connected Redux store to header component to enable data flow between ReactJS components and Ruby on Rails server, providing account edit functionality to 1000+ users.
- Refactored CoffeeScript code into separate, reusable React components, improving component accessibility and minimizing development time by over 20% in creating new modals.
- Increased cross-device compatibility by 100% through designing responsive functionality for multiple ReactJS components utilizing CSS3 and SCSS.

### [UCSF](#) | Software Engineer, Contract | San Francisco, CA

2017

- Enhanced functionality of automated mental health screening process using JavaScript, ReactJS, Python and Flask, with projected clinical and pharmaceutical research savings of \$600 million dollars.
- Created core feature supporting 4X more media formats, allowing doctors to upload mental health assessment videos utilizing JavaScript, ReactJS, Python, Flask, AWS (S3, Boto), and PostgreSQL.
- Integrated Boto AWS SDK into Python Flask backend to store and generate links for patient assessment videos, reducing playlist creation time by over 70%.
- Optimized playlist creation UI by 2X through enhancing feature for all doctors to have ability to access, search, and preview videos from shared video bucket before adding them to playlists using JavaScript and ReactJS.
- Implemented ability for doctors to specify amount of time patient has to respond to questions as countdown timer in the assessment using JavaScript and ReactJS, improving assessment productivity by 50%.

### [Viralnet](#) | Campaign Manager | Oakland, CA

2014 - 2017

- Managed new and existing advertisement campaigns on different media platforms, such as RTX Platform and Propel Media, generating over \$250,000 for a small online marketing company.
  - Increased bids and generated new keywords to ensure campaigns receive more impressions and clicks, improving client retention rate by 75%.
  - Created weekly profit and loss reports to determine campaign traffic needs, increasing profit by over 50%, with projected savings of at least \$150,000.
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## >EDUCATION

University of California, Davis, B.S. Managerial Economics

2013

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## >SIDE PROJECTS

### MapIt | Software Engineer | [live](#) | [code](#)

2017

Web mapping platform providing users ability to search and favorite locations with current weather info and time, using JavaScript, Python, Flask, HTML5, CSS3, PostgreSQL, and Google Maps and Openweather API integration.

### Warbler | Software Engineer | [code](#)

2017

Social media platform that enables users to instantly post and interact with messages, using JavaScript, ReactJS, Redux, CSS3, Bootstrap, Node.js, Express, Mongoose, MongoDB.

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## >LEADERSHIP + AWARDS

San Francisco Asian Art Museum Volunteer

2013