Jay Chi
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Technical Skills:

Languages: JavaScript,Python,Ruby
Frontend: React, React-Redux, React-Native, Bootstrap, CSS, HTML5, jQuery, Axios
Backend: Flask, Node.js, Rails, MongoDB/Mongoose, MySQL, Postgres, Tensorflow

Experience:

Course Report - *Software Developer Intern 2018*
- Designed and developed a new mobile app built utilizing React Native that helps users check reviews, read blog posts and contact schools.
- Created modular frontend views with React Native for encapsulation of business logic and responsive performance.
- Engineered backend Node proxy server that wraps around the Rails server for optimized mobile performance.
- Helped optimize backend queries to database by reducing N+1 queries.
- Engineered fixes for live site with Ruby on Rails and ActiveAdmin for a streamlined admin user experience.
- Pushed various bug fixes and features to live site for both frontend and backend.

TripAdvisor - *Lead Accountant 2017-2018*
- Managed scope and testing with a team of engineers for an in-house ERP system; including spec meetings, database integrity testing and alignment of goals between different departments.
- Helped transition from SUN ERP system to Workday ERP revolving around month end close procedures.
- Worked with teams from around the world (Sydney, China, Europe and Boston).

Electronic Arts - *Senior Royalty Accountant 2013-2017*
Novogradac & Company - *Auditor 2009-2013*

Projects

Machine Learning Stock Picker - *full stack web application using machine learning to help analyze stocks*
- Managed and manipulated large data-sets using Pandas to feed into the machine-learning model.
- Created a deep neural network using Tensorflow to predict stock prices one-week out, and built a modular frontend in React utilizing D3 to display predictions along with historic results.
- Utilized server-side rendering to decrease time to initial page load to improve user experience.

Warbler - *Twitter clone built using Flask*
- Built full CRUD application with JSON web tokens and BCrypt on the backend for authentication.
- Tested different components with integration and unit tests.

Blogly - *full stack Blog posting application utilizing React and React/Redux on the frontend*
- Utilized Redux to manage new blog posts to minimize prop drilling and simplify state.

Education:

Rithm School - 2018 - Advanced Software Engineering Immersive
- 17-week, full-time in-person software engineering program focused on full-stack JavaScript, Python, data structures and algorithms.
- Developed 30+ projects with React, Node.js, and Flask.

Santa Clara University - 2006 - Bachelor of Science, Accounting

Personal:

Avid ethnic cook, kombucha brewer, amateur dog photographer, recovering accountant