

# Vanessa Chen

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**SKILLS** Ruby, Rails, JavaScript, React, Redux, PostgreSQL, MongoDB, Express.js, Node.js, HTML, CSS, D3.js, jQuery, Git, SQL

## EXPERIENCE

### Senior Instructor

App Academy - San Francisco, CA

Feb 2020 - Present

- Develop new features for Progress Tracker, a student and instructor interface that tracks student attendance, assessment scores, and student progress;
  - Built feature to display each active cycle's zoom link on student dashboard and instructor dashboard
  - Utilized Rails' service object to incorporate query to pull cycle data and return correct zoom link
  - Incorporated into existing Rails view using ERB to render zoom link for each dashboard
  - Wrote comprehensive Rspec unit tests and Capybara integration tests, refactored testing subjects and factory bots to reduce redundancy of the specs
  - Utilized JIRA to track issue priority, status, and approval workflow, created pull requests before merging feature into production
- Work on curriculum issues, identify urgent Jira issues, create fixes for bugs, typos, and outdated information in our curriculum modules
- Collaborate with curriculum team to develop and update program to improve student experience and success
- Lead floor time review for junior instructors to review core concepts from day's lecture and projects
- Advise student projects, guiding them on best practices from their backend schema design, redux state shape, to front end React components

### Instructor

App Academy - San Francisco, CA

Apr 2019 - Feb 2020

- Equip students from non-traditional backgrounds with the relevant technical skills to prepare them for a career in software development, including a focus on backend development with Ruby on Rails and frontend development with React and Redux
- Teach foundational object-oriented programming concepts including scopes/references, and class interactions in Ruby and Javascript, data structures and algorithms, debugging, frontend/backend authentication patterns, and test-driven development
- Lecturer on subjects including SQL, ActiveRecord, Rails, Vanilla JavaScript DOM Manipulation, React, and Redux
- Lead prep seminars, host office hours for students with curated lesson plans tailored to accommodate different learning styles, review daily concepts and project solutions, and coach students in one-on-one sessions

### Senior Consultant

Deloitte Consulting LLP - Boston, MA

Jan 2012 - Sep 2017

- Led Project Controller Practice's northeast regional growth strategy, successfully expanded services across advisory and tax, launched 3 new service offerings and grew portfolio to cover 7 of the region's largest accounts
- Created best practices to implement nationally, designed tests to gather feedback and identified areas of improvements for our standard reporting tools and templates that led to a 10% efficiency gain
- Headed local office talent development, trained and supervised a team of 7 across US and India offices, developed new hire curriculum, facilitated annual firmwide project economics roundtables
- Utilized data models to track key performance metrics; leveraged data to identify risks, analyzed trends, managed budget and forecast reconciliations and drafted weekly reports to project leadership, providing key insights and strategy recommendations

## PROJECTS

Pick-A-Table (Rails, Ruby, ReactJS, Redux, PostgreSQL) | Sole Developer

[live](#) | [github](#)

A restaurant reservation single-page web application, inspired by OpenTable

- Designed RESTful backend server to enable persistent storage of restaurants and reservations
- Prioritized data normalization to work efficiently with CRUD operations by opting for a relational database to reduce data redundancy and improve data integrity
- Implemented client-side search and filtering of restaurant attributes utilizing Redux state changes to allow for instantaneous results, optimizing for a smooth UI and minimizing need for API server calls

## EDUCATION

App Academy - 2019 - Immersive software development course with focus on full stack web development

University of California, Davis - BS magna cum laude Managerial Economics, 2011