Vanessa Chen

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SKILLS   Ruby, Ruby on Rails, JavaScript, React, Redux, SQL, PostgreSQL, MongoDB, Express.js, Node.js, HTML, CSS, D3.js, Canvas, jQuery, Git, Rspec, Capybara, Jest, enzyme

EXPERIENCE

App Academy - San Francisco, CA

Software Engineer   *Apr 2019 - Present*
- Build and test frontend/backend features for internal web application (Ruby on Rails, React, Redux)
- Redesigned student pairs page to reduce clutter on instructor UI including consolidating buttons and links, incorporating modals, reduced redundancy in fetches by refactoring fetch logic to reuse existing actions, leading to more efficient fetching of student data and better user experience for instructors
- Built feature to display each active cycle's zoom link on student/instructor dashboard, integrated Zoom's embedded password meeting link to allow students to easily join zoom meetings, leading to reduced number of students locked out of zoom meeting and missing lecture
- Updated student reports page to only render options for instructors associated with their current cycle, refactored backend associations to efficiently fetch instructors, leading to better maintainability on the backend and increased space and readability on client side, making it easier for students when filling out their reports

Senior Instructor   *Feb 2020 - Present*
- Taught 7 cohorts (~350 students) and mentored over 50 students, helping them be successful in the program and as a software engineer
- Lecturer on subjects including SQL, ActiveRecord, Rails, Vanilla JavaScript DOM Manipulation, React, and Redux
- Lead floor time review for junior instructors to review core concepts from day's lecture and projects, refine program to improve student experience, identify and implement ways to increase student success
- Work on curriculum, identify urgent Jira issues, create fixes for bugs, typos, and outdated information in our curriculum modules
- Work on lecture development and standardization of lectures across SF and NY campuses

Instructor   *Apr 2019 - Feb 2020*
- Equip students from non-traditional backgrounds with 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
- Advise student projects, provide guidance on best practices for backend schema design, redux state shape, as well as composition of frontend React components

Deloitte Consulting LLP - Boston, MA

Senior Consultant   *Jan 2012 - Sep 2017*
- Led Project Controller Practice's northeast regional growth strategy, successfully expanded services across advisory and tax functions, launched 3 new service offerings and grew portfolio to cover 7 of the region's largest accounts
- Managed the standardization and roll out of our reporting tools and templates, created best practices for standard reporting to implement nationally, designed feedback loop to identify areas of improvement for our reporting tools and templates
- 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 project and firmwide 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*