

Alan Tseng

Full Stack Software Engineer

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EXPERIENCE

Software Engineer Intern @ Student Information System

FEB 2020 - MAR 2020 // San Francisco, CA

- Updated SIS administrative app to aggregate lists of downloaded student file submissions by assessment type.
- Built unifying formset by coalescing models from different course offerings (lectures, exercises, etc.) so staff can easily edit materials across an entire semester.
- Refactored codebase for homepage to paginate calendar of upcoming activities with caching to reduce expensive query times with unit and integration tests.
- Implemented cache invalidation after updates of critical models so staff could add new course offerings without restarting production server.
- Implemented Slack Webhooks to improve student engagement with notifications on Slack about important uploads and attachments for the semester in real-time.

Tutor, Substitute Instructor @ LASC Language Scholastics

Sep 2019 - Oct 2020 // Los Angeles, CA

- Planned and taught courses in ESL, TOEFL, and SAT I for private sessions of 1-4 students and larger 10 to 18 student sized classes..
- Arranged for both single and grouped classes depending on student needs, monitoring student progress and adapting material based on feedback from reports and recommendations..

SAT Instructor @ The One Tutoring Center

July 2016 - Dec 2018 // Los Angeles, CA

- Instructed private and group classes of 1 - 3 students for SAT I subjects and AP courses

PROJECTS

Warbler - a Twitter clone built using Python, Flask, and PostgreSQL.

[Demo](#) | [Github](#)

Jobly - a job application site built using React on the frontend. Backend is built with Express and PostgreSQL. [Demo](#) | [Github](#)

Convocord - a single page Discord clone allowing users to chat in channels using React/Redux on the frontend. Ruby on Rails and PostgreSQL on the backend. Uses Action Cables for web sockets.

[Demo](#) | [Github](#)

SKILLS

Web Languages & Technologies:

JavaScript (ES6), HTML, CSS, Node.js, AWS S3

Libraries:

React, Redux, jQuery, Jasmine, Jest, Supertest, React Testing Library

Programming Languages:

JavaScript (ES6), TypeScript, Python, Ruby, Swift, SQL

Frameworks:

Express.js, Flask, Django, Ruby on Rails, Bootstrap

Database:

PostgreSQL

Tools & Platforms:

Bash, Git, Sketch, Xcode

EDUCATION

Rithm School

NOV 2020 - MAR 2021

// San Francisco, CA

Full Stack Web Development

University of California, Los Angeles

SEP 2012 - JUN 2016

// Los Angeles, CA

B.S. in Physiological Science

HOBBIES/ INTERESTS

Esports, gaming, basketball, tennis, dance, cuisine, anime, travel

