

# Alan Tseng

Full Stack Software Engineer

[alan-tseng.com](http://alan-tseng.com) | [Github](#) | [Linkedin](#)

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## EXPERIENCE

### Software Engineer Intern @ Student Information System

FEB 2021 - MAR 2021 // San Francisco, CA

- Built unifying formset by coalescing models from different course offerings (lectures, exercises, etc.) so staff can easily edit materials
- Refactored codebase to cache homepage and reduce expensive queries on update of course offering models.
- Implemented cache invalidation after updates to critical assets to allow staff to add new course offerings without interruptions to production server.
- Wrote unit and integration tests to increase test coverage across newly added features.
- Implemented Slack Webhooks to improve student engagement with notifications on Slack about important uploads and attachments for the semester in real-time.
- Improved staff experience by implementing several quality of life features for interacting with student file submissions and editing backend model fields.

### Tutor, Substitute Instructor @ LASC Language Scholastics

SEP 2019 - OCT 2020 // Rowland Heights, 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

JUL 2016 - DEC 2018 // La Puente, CA

- Instructed private /group classes of 1 -3 students for SAT I.

### Pharmacy Technician @ Hacienda Heights Pharmacy

OCT 2016 - OCT 2017 // Hacienda Heights, CA

- Verified validity of prescriptions for filing in accordance with compliance policies.
- Contact doctors and insurance companies daily to troubleshoot issues with prescriptions and insurance claims.

## SKILLS

### Programming Languages:

JavaScript (ES6), TypeScript, Python, HTML, CSS, Ruby

### Technologies & Frameworks:

React, Node.js, Express.js, Redux, jQuery, Flask, Django, Ruby on Rails, Bootstrap, Git

### Database & Cloud Storage:

SQL, PostgreSQL, AWS S3

### Testing Libraries:

Jasmine, Jest, Supertest, React Testing Library

## 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

## PROJECTS

**Warbler** – a Twitter clone built using Python, Flask, and PostgreSQL. [Demo](#) | [Github](#)

**Jobly** – Job listing site built using React, Express and PostgreSQL. [Demo](#) | [Github](#)

**Convocord** – Discord clone using React/Redux, Ruby on Rails, PostgreSQL backend. [Demo](#) | [Github](#)