# Alan Tseng

*Full Stack Software Engineer*

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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 with cache invalidation on update of course offering models.
➢ Wrote unit and integration tests for caching.
➢ 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 // *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

July 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.

## 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 using **React/Redux** frontend, **Ruby on Rails** and **PostgreSQL** backend. Demo | GitHub

## 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

**Database & Cloud Storage:**
SQL, PostgreSQL, AWS S3

**Testing Libraries**:
Jasmine, Jest, Supertest, React Testing Library

**Tools and Platforms**:
Git, Bash, Sketch, Xcode, npm,

## 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

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