Alan Tseng

Full Stack Software Engineer

alan-tseng.com | Github | Linkedin

Los Angeles,, CA
(626) 322-7801
atseng202@gmail.com

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