

Andrew Le

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EDUCATION

The University of Texas at Austin

Austin, TX

Bachelor of Science, Computer Science

Aug 2017 – Dec 2021

Coursework: Data Structures and Algorithms, iOS Mobile Computing, Modern Web Apps, Object-Oriented Programming, Computer Architecture, Operating Systems

EXPERIENCE

Software Engineer Intern, 100k Mentor Challenge

Aug 2020 – Oct 2020

ProMazo

Remote

- Developed a native iOS/Android app using React Native that facilitates student-employee mentorships
- Built React Native components to accept user data input for the mentor matching algorithm
- Performed Redux and GraphQL schema changes to update data storage, validation, and manipulation
- Resolved cross-platform compatibility issues to ensure proper app functionality/display on iOS and Android

Software Engineer Intern, Internal PWA

Apr 2020 – Present

ProMazo

Remote

- Develop a career management platform for college students as a PWA using React JS
- Optimize searching/matching algorithms to filter companies/positions using Elasticsearch
- Implement a mechanism to control user CRUD operations through AWS AppSync authorization
- Build a Chrome extension that interfaces career search websites and scrapes job data
- Collaborate on Scrum sprint planning to prioritize tasks and establish app milestones

Full Stack Engineer, Contracted

Aug 2020 – Present

Edge Learning

Austin, TX

- Develop a React/Redux SaaS platform that tracks student progress for college readiness to parents
- Design and wireframe UI changes and discuss frontend ideas with board executives
- Build a proprietary component library in the style of Material UI
- Communicate issues and plan features in meetings, following Agile methodology

PROJECTS

Matchus | *Swift, Django*

Sep 2020 – Present

- Collaborate on an iOS app using Swift and Xcode that matches users based on preferences and interests
- Implement location services and cities autocomplete search using Google Maps SDK
- Develop a Django backend to authenticate users and store location and interest data

Discord Bot Development | *Java, MySQL*

Dec 2018 – Sep 2019

- Collaborated on a Java bot to allow communication between Clash Royale players for card trades
- Retrieved player data via HTTP requests to a public REST API, build Discord commands to filter data
- Maintained a MySQL database of registered bot users and storage of user wish lists
- Co-hosted a Discord server to actively help resolve issues and implement requested features
- Used in 85 Discord servers, with 500+ players registered and 400+ wish lists created

TECHNICAL SKILLS

Languages: Java, Python, C/C++, Swift, MySQL, GraphQL, JavaScript, HTML/CSS

Frameworks: React, Redux, Node.js, Flask, Express, Django

Developer Tools: Git, Docker, AWS (AppSync, Amplify, Cognito, DynamoDB, Elasticsearch)

Background: Full Stack, UI/UX, App Development (Android/iOS), Linux/Unix