

ANDREW LE

✉ andrewandyle@gmail.com ☎ (210) 461-7626

🌐 linkedin.com/in/andrewandyle 🐙 github.com/andrewandyle 🌐 andrewandyle.github.io

EDUCATION

The University of Texas at Austin – Austin, TX

Expected: December 2021

Bachelor of Science in Computer Science

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

WORK EXPERIENCE

Software Engineer Intern - 100k Mentor Challenge – *ProMazo* (Remote, Full-Time) 📄 August 2020 – Present

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

Software Engineer Intern - Internal PWA – *ProMazo* (Remote, Full-Time) 📄 April 2020 – Present

- 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 – *Edge Learning* (Austin, TX, Contracted) August 2020 – Present

- 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

Discord Bot Development (Java, MySQL) – *RoyaleAPI* December 2018 – September 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

SKILLS

- **Languages:** JavaScript/TypeScript, Java, Python, C/C++, Swift, HTML, CSS/Sass
- **Tech Stack:** React, Redux, GraphQL, MySQL, PHP, Node, Express, Flask
- **Background:** Full Stack, UI/UX, App Development (Android/iOS), Linux/Unix
- **Tooling:** Git, Docker, AWS (AppSync, Amplify, Cognito, DynamoDB, ElasticSearch)