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, Algorithms, Software Engineering, iOS Mobile Computing, Modern Web Apps, Object-Oriented Programming, Network Security and Privacy, Computer Architecture, Operating Systems

EXPERIENCE

Global Consumer Technology Summer Analyst   Jun 2021
Citibank   *Dallas, TX*
- Incoming Summer 2021 Intern

Full Stack Engineer   Apr 2020 – Present
ProMazo   *Remote*
- Develop 3 career development apps: a React JS PWA, React Native mobile app, and Chrome extension
- Collaborate in Scrum teams to plan sprint milestones and help other developers complete tasks
- Optimize GraphQL data operations and filtering algorithms using AWS AppSync and ElasticSearch
- Control user CRUD operations through AWS AppSync authorization with different Cognito user types
- Implement job data scraping from career search websites and machine learning algorithms to categorize data

Frontend Engineer, Contracted   Aug 2020 – Jan 2021
Edge Learning   *Austin, TX*
- Developed a React/Redux SaaS platform that tracks student progress for college readiness to parents
- Designed and wireframed changes to provide consistent UI/UX across all device sizes
- Built a proprietary component library in the style of Material UI, using styled components
- Communicated issues and planned features in meetings with board executives, following Agile methodology

PROJECTS

Books For You | *React (TypeScript), Flask, PostgreSQL, AWS*   Feb 2021 – May 2021
- Led a SWE team to build and deploy a dynamic React app allowing users to browse books, authors, and quotes
- Developed a Flask server to retrieve data from the PostgreSQL database populated by scraping public APIs
- Designed the Bootstrap frontend and implement features such as pagination, searching, filtering, and sorting

Outreach | *React (TypeScript), Redux, AWS*   Jan 2021
- Collaborated on a Citi hackathon project aiming to help investors browse minority-owned businesses to offer loans
- Deployed the AWS Amplify backend with an API and authentication supporting two user types
- Built the AWS AppSync schema and used GraphQL queries to inject user data into frontend components

Matchus | *Swift, Django*   Sep 2020 – Dec 2020
- Collaborated on an iOS app using Swift and Xcode that matches users based on preferences and interests
- Implemented location services and cities autocomplete search using Google Maps SDK
- Developed a Django backend to authenticate users and access endpoints for 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
- Used in 85 Discord servers, with 500+ players registered and 400+ wish lists created

TECHNICAL SKILLS

Languages: Java, Python, C/C++, Swift, MySQL/PostgreSQL, GraphQL, JavaScript, TypeScript, HTML/CSS
Frameworks: React, Redux, Angular, 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