

Mya Mahaley

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EDUCATION

The University of Texas at Austin, — BS in *Computer Science* (AUGUST 2019 - MAY 2023)

- **GPA:** 3.71 **Cumulative Credits:** 121 Hours
- **Coursework:** Data Structures, Computer Systems, Computer Architecture, iOS Development, Android Development Algorithms + Complexity, Discrete Math, Vector Calculus, Linear Algebra, Differential, Integral, and Multivariable Calculus
- **Awards:** Presidential Scholar, Chevron Computer Science Scholarship Recipient, University Honors Recipient, Second Year Excellence Award Recipient

SKILLS

SwiftUI (01/23) UIKit (08/22) Java (08/16) Kotlin (08/22) Python (08/19) C (01/20) C++ (06/20) Javascript (01/22) ReactJS (01/22)

HTML (01/22) CSS (01/22) AWS (05/21) Assembly x86 (01/20)

EXPERIENCE

SwiftKick Mobile: iOS Engineer ~ Austin, TX (OCT 2023 - Current)

- Led the development, and release of HomeStory Pro, an architecturally complex, SwiftUI app. Used Combine, Factory, Cognito, Firebase, and other frameworks to produce a data driven app, with a complex authentication system.
- Collaborated closely with product, design, and quality analysis teams to deliver user-friendly and accessible features aligned with business goal of helping high-performing agents grow their business
- Ensured app stability and quality through rigorous unit testing, continuous integration pipelines, and supporting third party debugging systems

Google: Software Engineering Intern at Google ~ Mountain View, CA (MAY 2022 - AUGUST 2022)

- Utilized Java, SQL and Android Studio to optimize the visual experience of Google Photos users.
- Implemented a scoring algorithm based on photo metadata.
- Used scores to determine which photos should be highlighted on the user's home page.

Amazon: Software Development Intern ~ Seattle, WA (MAY 2021 - AUGUST 2021)

- Deployed an AWS Elasticsearch instance which enabled recruiters/managers to visualize the status of Amazon applicants
- Optimized and automated the transfer of applicant data into an Elasticsearch database using AWS S3 + AWS Lambda
- Created a written guideline and tutorial videos for launching future instances of this database across Amazon's HR teams

PROJECTS

SoundStats (iOS Mobile Development, Fall 2022)

- Developed an iOS application using UIKit & Firebase that provided users with graphics about their music streaming habits
- Extracted data from the Spotify API and developed algorithms that detect the average mood of a listener's music choices

ScreenBreak (App Development, Spring 2023- Current)

- Created an iOS application using SwiftUI, Apple's Screen Time API, and Firebase. Prototyped wireframes using Figma.
- Acquired data about user's phone usage, created a leader board that influences users to decrease their screen time

AdLunam (Android Mobile Development, Fall 2022)

- Implemented an educational astronomy Android application using Kotlin
- Consolidated data from various NASA APIs to create an astronomy search engine and an educational trivia game
- Utilized Firebase to allow users to create accounts. Allowed users to view the current moon phase using location services

Find-A-Home (Intro to Software Engineering, Spring 2022)

- Created a website with the goal of providing access to consolidated data about the best countries to immigrate to
- Implemented the frontend interactivity using ReactJS.
- Developed a backend database and API using Python and SQL, Deployed with AWS

PlayMaker (Human Computer Interaction, Spring 2023)

- Developed a ReactJS website that allows users to draw and save play diagrams for sports various sports
- Completed various phases of user testing and formal experiments to improve our initial prototypes and final designs

ACTIVITIES & LEADERSHIP (The University of Texas at Austin)

- **Lead Organizer of Digital Divas 2019** (An all-girls coding competition sponsored by AT&T, Oracle, IBM, and more)
- **Member of WICS** (Women in Computer Science)
- **Member of ABCS** (Association of Black Computer Scientists)
- **Member of Texas Sweethearts** (Service organization dedicated to serving the Austin community)