

Mya Mahaley

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EDUCATION

The University of Texas at Austin, — BS in *Computer Science* (GRADUATION: MAY 2023)

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

SKILLS

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

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

EXPERIENCE

Google SWE Intern ~ 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 Propel SDE Intern ~ Seattle, WA (MAY 2021 - AUGUST 2021)

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

AP Computer Science Tutor ~ Carrollton, TX (MARCH 2020 - MAY 2023)

- Prepared high school students for the 2020, 2021 and 2022 Advanced Placement exams via Zoom
- Provided students with additional, free, assistance throughout the pandemic

PROJECTS

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

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

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

PlayMaker (Human Computer Interaction, Spring 2023)

- Developed a ReactJS websites 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
- Followed design principles to improve styling and accessibility

Digital Divas Competition 2019

- Organized an all-girls coding competition for over 100 competitors
- Coordinated communication with sponsors including AT&T, Oracle, IBM, and more

ACTIVITIES & LEADERSHIP

(The University of Texas at Austin)

- **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)