

Michael Tanjuakio

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Education

B.S. in Software Engineering | GPA 3.9

The University of Texas at Dallas (UTD) | Fall 2024

Skills

Programming Languages:

Kotlin, C++, Java, MIPS, SQL, HTML, CSS, Python

Tools and Frameworks:

Eclipse, Visual Studio Code, Visual Studio, MARS, Android Studio, Jetpack Compose, Git, Firebase, MySQL

Relevant Coursework:

Database Systems, Software Architecture and Design, Software Engineering, Data Structures and Algorithms Analysis

Relevant Projects

Lofiapp | Kotlin | Android Studio | GitHub

- Building an Android App that plays YouTube videos for studying
- Uses Jetpack Compose to develop the UI/UX for the application
- Communicates with a Firebase database to display recommended videos in the menu screen
- Updates the Firebase database when the user edits playlists' information

Maze Simulation | Java | Eclipse

- Created a randomly generated maze according to the inputted size
- Utilized Java GUI to display the maze
- Implemented the disjoint set data structure to construct each maze cell
- Generated the solution to the maze using recursion

Work Experience

Rowlett Community Centre | Recreation Leader I

May. 2022 – Aug. 2022
Rowlett, TX

- Managed Rowlett Community Center memberships
- Organized community and private events according to clients' preferences
- Administered business phone calls regularly

Tea Town | Barista

Jul. 2021 – Aug. 2021
Plano, TX

- Maintained the area's cleanliness to customer satisfaction
- Coordinated with team members for various customer needs
- Created a professional environment through positive relations with customers

Honors/Awards

- UTD Dean's List: Recognized as the Top 10% of all undergraduates in Spring 2022
- UTD Academic Excellence Scholarship: Exceptional Academic Achievement.