

Danny Mairena

(925)7899844 | danny.x.mairenajarquin@tcu.edu | [linkedin.com/in/danny-mairena](https://www.linkedin.com/in/danny-mairena) | github.com/dannymairena01

EDUCATION

Texas Christian University
Bachelor of Science in Computer Science

Fort Worth, TX
Aug. 2021 – Present

Ohlone College
Associate's in Applied Mathematics

Fremont, CA
Aug. 2019 – May 2021

Relevant Coursework: Analysis of Algorithms, Database Systems, Data Structures, Object-Oriented Programming, Techniques in Programming, Programming Language Concepts, Calculus 1, 2, 3, Linear Algebra, Discrete Mathematics 1, 2, Computer System Fundamentals, Web Technologies, Computer Network, Computer Network and Security, Software Engineering, Operating Systems, Introduction to Data Science

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, HTML/CSS, Dart, JavaScript

Frameworks: Flutter, VueJS, React, Angular, Spring Boot

Developer Tools: Git, Docker, Github, VS Code, Visual Studio, IntelliJ, Eclipse, MySQLWorkbench

EXPERIENCE

Information Technology Network Engineer Intern

March 2023 – Present

Texas Christian University

Fort Worth, TX

- Collaborated with a senior network engineer to successfully expand 900 access points, resulting in a more reliable and secure network infrastructure for TCU's staff, faculty, and students.
- Programmed routers to support deploying new access points and provided troubleshooting assistance to ensure seamless integration with TCU's existing network infrastructure.
- Installed and configured routers and access points by industry best practices, demonstrating a strong understanding of network engineering concepts and protocols.

Flutter Hackathon

December 2021 – January 2022

Google

Remote

- Designed and developed a Slide Puzzle application using Dart and Flutter to compete in the 2022 Flutter Hackathon.
- Strengthened my proficiency in iOS application development and Dart/Flutter programming through hands-on involvement in this project.
- Earned a participation diploma from Google for demonstrating excellence in developing a Dart/Flutter application.

PROJECTS

SuperFrog Scheduler | *CSS, HTML, Vue.js, SpringBoot, Github*

March 2023 – April 2023

- * Worked with a team on the development of the SuperFrog Scheduler project, utilizing Vue.js for the frontend and Spring Boot for the backend, resulting in a seamless platform for scheduling private events with the official TCU mascot.
- * Collaborated effectively with the team to ensure seamless integration of frontend and backend components, resulting in a cohesive and efficient application.

Peer Evaluation Tool | *CSS, HTML, Vue.js, SpringBoot, Github*

August 2023 – Present

- * As a team leader, spearheaded the development of a peer evaluation tool for senior computer science students at TCU, utilizing Vue.js, HTML, and CSS for the frontend, Spring Boot for the backend, and MySQL for database management.
- * Led a team to create a comprehensive platform that facilitated weekly activity reporting and peer evaluations, streamlining the process of monitoring individual and group progress in software engineering and senior design classes.

ORGANIZATIONS

Computer Science Society
CodePath @ TCU (Vice-President)

Aug 2021 - Present
Aug 2021 - Present