LUKE MYERS

SOFTWARE ENGINEER

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https://lukemyers.dev/ 🖥

La Jolla, San Diego, CA 📍

EDUCATION

BS Computer Science | University of California, San Diego

SEP 2019 – PRESENT (CLASS OF 2023)

Coursework includes Advanced Data Structures, Intro to Software Engineering, Principles of Computer Operating Systems, Vector Calculus

SKILLS AND ABILITIES

- 6+ years of Java experience
- 3+ years of Android experience
- 1+ years of Kotlin experience
- Experience with Jetpack Compose, Retrofit, Room, Hilt, and other libraries
- Worked with C, C++, C#, SQL, and other programming languages
- Application design with Google's Material Design system
- Web development in HTML/CSS
- Server-side application deployment with Docker
- Basic game development with Unity, Godot

EXPERIENCE

Student Developer (Android) | Qualcomm Institute at UC San Diego

AUG 2021 – PRESENT

Developed and maintained multiple Android applications; worked as the Android developer on a team of mobile, web, and backend developers

Computer Science Tutor | University of California, San Diego

JAN – JUN 2021

Tutor for CSE 12 (Data Structures) + CSE 15L for two quarters. Graded programming assignments and quizzes; proctored labs; helped resolve student questions via the Autograder ticket system

Lead Programmer & Co-Captain | FRC Team 980 ThunderBots

SEP 2015 – AUG 2019

Programmed four robots (C++ and Java) and two Arduino coprocessors over three competition seasons; developed the ThunderScout Android app with Android Studio over 3+ years

Took leadership in multiple team programs and initiatives, including competitions and off-season volunteering, assumed the position of co-captain in my final year

PROJECTS

ThunderScout 3

2021

Redesigned and rebuilt my Android-based scouting app for FIRST Robotics Competition teams, using Android's Jetpack libraries, Material Design Components, and Bluetooth communication stack to collect, transfer, and display user-defined data on multiple devices

HONORS AND AWARDS

Dean's List Semi-Finalist Award | FRC Team 980 ThunderBots

2018

Awarded by fellow team members for displaying exemplary leadership and technical skills as well as passion and commitment to the team