ZUBAIR QAZI

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EDUCATION

University of California, Riverside Expected Graduation: *June 2022*
Bachelor of Computer Science **Overall GPA:** 3.85

Honors: Deans Honors List, Chancellors Honors List
Classes: Data Structures and Algorithms, Software Construction and Principles, Discrete Mathematics

TECHNICAL STRENGTHS

Software	Kotlin, Java, Swift, C++, Python, HTML/CSS
Tools	Android Studio, Xcode, Git/GitHub, Firebase, Jupyter Notebook

WORK EXPERIENCE

Dexcom, Inc. *June 2020 - August 2020*
Software Engineer Intern

· Designed and developed iOS applications to prototype newly designed app features, using Swift and Xcode.
· Redesigned, increased the portability, and improved the efficiency of an internal iOS network library, distributed via Cocoapods, which reduced overall battery consumption by 60%.
· Implemented database functionality in the mentioned library using company database frameworks, built using GRDB and SQLCipher for SQLite.
· Utilized Interface Builder and Auto Layout to overhaul outdated UI assets, meeting company standards.
· Wrote extensive technical/support documentation and tracked development issues in Confluence.

Hifinite Health *June 2017 - August 2017*
Software Development Intern

· Researched modern UI concepts for a web-based application designed for patient and doctor interactions.
· Assisted in the development of back-end components integral to the web application, using Java.
· Utilized the Selenium testing framework to automate up to twenty tests, reducing testing time by 80%.
· Spearheaded a testing team to ensure that bug reports were remedied and that overall run-time efficiency was increased by 45%.

PROJECTS

CoffeeTracker *January 2019*

· Android application written in Kotlin, designed to track user moods over time relative to coffee intake.
· Integrated Firebase Authentication in order to maintain user profiles and authentication credentials.
· Utilized Firestore to store and retrieve user-supplied metrics, and display unique graphs for each user.

Dealectable *November 2018*

· Streamlined the process of uploading and accessing menus of popular or unknown restaurants, using Python.
· Interfaced with OpenCV in order to translate pictures of restaurant menus to text with 70% accuracy.
· Integrated Google Firebase to store translated menus, which were then accessible by an Android application.

PROFESSIONAL DEVELOPMENT

ACM@UCR: Event Manager	*March 2020* - Present
Workshop Organizer: Transition to C++ Workshop	*October 2019*
Workshop Lead: MLH GitHub Workshop, Intro to Python	*October 2019* - Present