SUMMARY
Experienced leader and dedicated software engineer with a passion for creating mobile applications. Highly values team collaboration to solve challenging tasks and troubleshooting software.

SKILLS
Programming: Kotlin, Java, HTML, JavaScript, CSS, PHP, Python, VB .NET,
Database: MySQL, SQL, NoSQL (Firebase Suite)
Tools: Git, GitHub Desktop, LibreOffice Suite
Operating Systems: Microsoft Windows, Linux Ubuntu

EXPERIENCE
MathApp by Wilson - Production (Available on Google Play)   January 2021
Developer - Consultant
- Designed and produced mobile application for mathbywilson.com for use by students of Prof. Wilson
- Features include authentication with email and password, email verification, password reset, email composition from within the application, course selection (College Algebra, Calculus I & II), and video selection for studying on the go
- Utilized Kotlin as development language inside of Android Studio and pushed all changes/updates to GitHub repo
- Presented conceptual research of this app with added features of facial tracking and video scrubbing prevention at GMiS conference and earned 3rd place award

PROJECTS
Student Information Management System
Co-Developer
- Designed and implemented GUI frontend system for student information management.
- Utilized Java for frontend development and MySQL for database creation, storage, and manipulation functions.
- Collaborated with a team of five (5) to complete all steps of the software development life cycle

Graphical Interface for Database System (DB)
Developer
- Utilized VB .NET to create graphical interface for database system used by Microbiology students in conjunction with Biolog plate lab.
- Configured MySQL database to store and retrieve data for user and display in GUI.

EDUCATION
University of Houston-Downtown, Houston, TX   December 2020
Bachelor of Science in Computer Science
Minor: Mathematics
Awards: Dean's List – Fall 2018 - Fall 2020

OTHER EXPERIENCE
Conroe Independent School District, Conroe, TX   January 2021 – Present
Substitute Teacher
Varsity Tutors, The Woodlands, TX   November 2020 – Present
Tutor
CHI St. Luke's, The Woodlands, TX   December 2014 – January 2016
Security Officer