Jacquelyn E. DeHart

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SUMMARY

Experienced leader and dedicated software engineer with a passion for creating mobile applications for education. Excellent interpersonal and communication skills. Highly values team collaboration to solve challenging tasks and troubleshooting software.

SKILLS

Programming:	Kotlin, Java, HTML, Python, VB .NET, PHP, JavaScript, CSS
Database:	MySQL, SQL, NoSQL (Firebase Suite)
Design/IDE:	Visual Studio, Android Studio, Arduino, Apache NetBeans, Visual Studio Code, Eclipse
Tools:	Git, GitHub Desktop, Microsoft Office (Word, Excel, PowerPoint), LibreOffice Suite
Operating Systems:	Microsoft Windows, Linux Ubuntu

ACHIEVEMENTS

MathApp by Wilson - Production
Education Mobile Application
- Designed and produced mobile application for mathbywilson.com for use by students of Prof. Wilson
- Mobile application is available for download on Google Play

Great Minds in STEM (GMiS) 2020 Conference
Undergraduate Research Poster Competition
- Collaborated with a team of 2 to integrate Computer Vision in an Education Based Mobile Application
- Presented conceptual research at GMiS conference and earned 3rd place award

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

RELEVANT PROJECTS

Education Mobile Application - Research
Main Developer
- Designed a mobile educational Android application in Android Studio.
- Utilized Kotlin, Firebase integration, video scrubbing prevention algorithm, and facial tracking software.

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.

WORK EXPERIENCE

Varsity Tutors, The Woodlands, TX   November 2020 – Present
Tutor
- Provide tutoring services to college students in the areas of Java, JavaScript, and computer programming concepts in a fast-paced environment.

CHI St. Luke's, The Woodlands, TX
Security Officer   December 2014 – January 2016
- Identified regulatory compliance infraction and rectified the problem with an economic solution.