

Jacquelyn E. Johnson

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SUMMARY

Experienced leader and dedicated software engineer with a passion for creating UX/UI designs. Excellent interpersonal and communication skills. Highly values team collaboration to solve challenging tasks and projects.

SKILLS

Programming: Kotlin, Java, HTML, Python, VB .NET
Design/IDE: Visual Studio, Android Studio, Arduino, Apache NetBeans
Tools: Git, Microsoft Office (Word, Excel, PowerPoint), LibreOffice Suite
Operating Systems: Microsoft Windows, Linux Ubuntu

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

GPA: 3.93

Activities: Association for Computing Machinery (ACM) Member, GMiS Conference

Relevant Coursework: Digital Logic, Software Engineering, Internet of Things, Human-Computer Interaction, Object Oriented Programming, Differential Equations, Calculus II, Linear Algebra, Probability & Statistics, Discrete Mathematical Structures

RELEVANT PROJECTS

University of Houston-Downtown, Houston, TX

Main Developer

- Designing a mobile educational Android application in Android Studio that allows users to view and participate in course specific content and allows faculty to track student's progress.
- Utilizing Kotlin, Firebase integration, video scrubbing prevention algorithm, and facial tracking software.

University of Houston-Downtown, Houston, TX

Main Developer

- Collaborated with a team of 4 to design an IT support mobile application with a user-friendly interface in Android Studio using Kotlin for Human-Computer Interaction course.

University of Houston-Downtown, Houston, TX

Project Partner

- Configured Black Jack Game using an Arduino board with proper hardware to accept user input via remote and display results on LCD screen for Internet of Things course.

Graphical Interface for Database System Freelance Project, Houston, TX

Developer

- Recruited by Biology Professor to design and produce database system for substrates present at 96 wells spread over 3 locations.
- Utilized VB .NET to create graphical interface for database system used by Microbiology students in conjunction Biology plate lab.
- Configured MySQL database to store and retrieve data for user and display in GUI.

WORK EXPERIENCE

CHI ST. Luke's, The Woodlands, TX

Security Guard

December 2014 – January 2016

- Increased regulatory compliance for hospital by identifying and providing solutions for missing signage on property.