Andrew Samuel

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GitHub | LinkedIn

Summary

Self-motivated student pursuing a Bachelor of Science in Computer Science from University of Houston-Downtown. I am extremely passionate about the tech industry and I look forward to using my expertise gained from projects and course experience to fine-tune my skills and grow into a bigger asset working towards technological innovation.

Skills

Programming: Python, Java, C++, SQL, HTML, CSS, JavaScript, and C
Database: Microsoft SQL Server and MySQL
IDE/Design: Spyder, NetBeans, Visual Studio, MySQL Workbench, XCode, Microsoft SQL Server, and Android Studio
Software: Microsoft Office (MS), Google Drive, GitHub
Operating Systems: Microsoft Windows and MAC OS X

Education

University of Houston-Downtown, Houston, TX   December 2020
Bachelor of Science in Computer Science
Honors: Deans List-(Fall 2019, Spring 2019, Spring 2020)
Relevant Coursework: Database Systems, Artificial Intelligence, Human-Computer Interactions, Software Engineering, Operating Systems, Web Programming, and Object-Oriented Programming

Projects

Documentation/Debugger/Design   July 2020 – August 2020
University of Houston-Downtown, Houston, TX
- Cooperated within a group of 4 to create a satirical Android app that exhibits in an exaggerated fashion what IT developers go through to keep the growing number of technological devices working on a daily basis. [*Inspired by "The IT Crowd"*]

Co-Developer/Debugger   October 2019 - November 2019
University of Houston-Downtown, Houston, TX
- Facilitated within a group of 5 to create a Student Management System using Java and MySQL that can access and manipulate student records much like Blackboard or Canvas.

Debugger   December 2018
University of Houston-Downtown, Houston, TX
- Assessed cost effective ways to span a weighted graph tree with given coordinates using "Prims Algorithm" in a group of 5 using Python.

Experience

Co-Developer   February 2020 - May 2020
Lonestar College Montgomery Campus, Montgomery, TX
- Collaborated with a group of 3 to create a database for a bio-log to hold biology records of different research sites and campuses to be used in campus-wide biology research.
- Utilized MySQL for the back-end database development and Visual Basic for the front-end user interface

Financial Intern (Paid)   May 2016 – July 2016
Prognosis Innovation, Houston, TX
- Recognized by Comptroller for skill to find and organize files used to expedite company audit