Andrew Samuel

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**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