**DARIEN MILLER**

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**SUMMARY**

Aspiring Computer Engineer currently pursuing a Bachelor’s degree in Computer Science. Possess experience as a Computer Science tutor at two different organizations having developed strong problem – solving, organizational and communication skills, which aided in the creation of several personal programming projects written in C++ and Java.

**EDUCATION**

**Brooklyn College**, **City University of New York**                   **Expected graduation date: May 2020**

**Cumulative GPA**: 3.1 / 4.0 | **Major GPA**: 3.6 / 4.0

*Bachelor of Science in Computer Science*

**RELEVANT COURSEWORK**

Advanced Programming Techniques (C++) Data Structures (C++) Algorithms

Design and Implementation of Software Introduction to Java Discrete Math

**SKILLS / QUALIFICATIONS**

**Programming Languages:**  C++, Java, HTML5, CSS3

**Programming Technologies**: SFML, Java Swing, Processing, Bootstrap, GitHub, GitHub Desktop, Microsoft Visual Studio, Code::Blocks. Familiar with QT Creator and JavaFX.

**Applications:** Microsoft Word, PowerPoint, and Excel

**Operating System**: Windows (7, 8, 10) (proficient), Mac OS (limited), Unix (limited)

**PROJECTS**

**HackFest 2019:** Assisted in the brainstorming and creation of a website using HTML and CSS.

**Hackathon 2018*:*** Coordinated the process, direction and final product for a Web Application using Bootstrap.

**Hackathon 2017:** Participated in the planning, design, and creation of mobile app using Android Studio.

**Personal Projects:** Recreated many popular games such as Pong, Snake, Flappy Bird and Minesweeper

**EXPERIENCE**

**CUNY Tutor Corps, Brooklyn, New York                          February 2018 – June 2018**

***Intern, Computer Science Tutor***

* Tutored fifteen middle school students using the block-based coding software studio code. Taught topics including basic arithmetic, loop structures, Boolean expressions, and sprite movement.
* Assisted teacher with creating lesson plans, reviewed students’ code, updated the progress of each students and areas of weakness, and offered specialized assistance to students who required extra help.

**Digital Girl Inc., Brooklyn, New York                              November 2015 – May 2016**

***Intern, Computer Science Tutor***

* Worked with private company to support its goal to encourage young students to pursue computer science.
* Observed behavior for approximately twenty students and delivered insight to organization director of each student’s strengths and weaknesses.
* Tailored teaching style to ensure that each student enjoyed the computer science curriculum.

**AFFILIATIONS**

* ***Member,*** Brooklyn College Computer Science Club **September 2017 – Present**