DANIYAL NAEEM

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**TECHNICAL SKILLS**

**Programming:** C++, Python, Arduino C/C++, HTML, CSS, JavaScript

**Libraries and Frameworks:** jQuery, React

**Technologies:** Windows, OS X, Linux, Git/GitHub, Arduino IDE

# EDUCATION

# Hunter College CUNY, New York, NY

***BA in Computer Science****,* Overall GPA: 3.5/4.0

***Dean’s List:*** Fall 2013, Fall 2014, Spring 2015 **Expected June 2018**

**RELEVANT COURSEWORK**

Software Analysis & Design: I, II, III, Calculus: Analytic Geometry I & II, Discrete Structures, Computer Theory, Computer Architecture: I, II, III, Operating Systems, Microprocessors and Embedded Systems, Networking\*, Android Development\*, Data Networks and Communications\*

**PROJECTS**

**Second Website**

* A website aimed at familiarizing myself with HTML, CSS, and JavaScript with jQuery.
* Contains a main page and a secondary about page with a small bio. Uses CSS3 and jQuery effects such as hover, scale, and slide toggle for a more dynamic website experience.

**Operating System Simulation**

* Source code written in python.
* A program designed to simulate the functions of an operating system, follow a priority scheduling scheme with preemption for new and existing processes, allocate space in main memory, update frame table using LRU replacement policy, and redirect processes to hard disk for I/O operations

**Blackjack Ltd**

* A standalone embedded system designed for an Arduino UNO, source code in python and C++
* Design software that can emulate the popular Blackjack (21) card game, user interface includes an LCD display and input buttons, designed for single player use

**WORK EXPERIENCE**

**Kumon December 2013 – Present**

***Instructor****,* December 2013 – Present

* Supervise early learners in completing assigned Math and English classwork
* Responsible for familiarizing students with the standard Kumon procedure
* Communicate with parents via phone to set up parent teacher conferences

***Grader***, December 2013 – Present

* Responsible for marking and grading completed homework and classwork
* Sit with students and provide them with feedback about their strengths and weaknesses

**VOLUNTEER EXPERIENCE**

**Family Health Care Plaza June 2015 – August 2015**

***Phlebotomist Assistant***

* Provided assistance to patients in filling out insurance and patient testing forms

**Windsor Terrace Brooklyn Public Library June 2014 – August 2014**

***Library Volunteer***

* Provided technical assistance to patrons and helped setup library accounts