

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

* Spring 2018