

DANIYAL NAEEM

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TECHNICAL SKILLS

Languages: C++, Python, Arduino C/C++, HTML, CSS, JavaScript, JSX, Java
Software Applications: Atom, Brackets, Arduino IDE, Android Studio, Balsamiq, Terminal
Operating Systems: Windows, OS X, Linux
Other: jQuery, React.js, React Native, Git, Agile, Scrum, Trello, Slack

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

Computer Architecture I, II, III

Discrete Structures and Computer Theory

Operating Systems

Calculus: Analytic Geometry I & II

Microprocessors and Embedded Systems

Android Development

Data Networks and Communications

RELEVANT EXPERIENCE

CUNYCodes Development Program

February 2018 – May 2018

Software Developer

- Selected for a competitive software development program to gain real world experience by working in a team to design and deploy an MVP under the guidance of industry mentors
- Learn in-demand technologies like MongoDB, Express, React and Node as well as industry practices such as version control with Git and Agile/Scrum software development methodology

PROJECTS

Second Website

- Designed 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 biography
- Implemented effects such as hover, scale and slide toggle for a more dynamic website experience

Operating System Simulation

- Created for Operating Systems with the source code written in python
- Designed a program 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

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

OTHER EXPERIENCE

Kumon

December 2013 – January 2018

Instructor

Family Health Care Plaza

June 2015 – August 2015

Phlebotomist Assistant, Volunteer

INTERESTS

Electronic Music Production, Music Composition