Sabeet Chowdhury

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Education

Queens, New York **Queens College** Dec 2020
Major: Computer Science, BA
Programming Coursework: Algorithms and Data structures, Operating Systems, Database, Genetic Algorithms, Software Engineering

Employment

Full Stack web developer, Intern **Workschool**(startup) Sept 2020 – Feb 2021
Workschool (www.workschool.co/): A solution to cataloging the world of Online Learning
- Implemented like and save features for users to handle on website
- Pushed code to company **Github** to collaborate with production manager
- Maintained quality code through **pair coding**
- Appropriated **Docker** to set up work environment to local machine for remote-work use

Cybersecurity Officer, Intern **IQ4** Nov 2019 – Dec 2019
IQ4 (www.iq4.com): workforce and mobility platform for applied learning for students
- Analyzed Potential Threat Factors
- Mitigated 2 simulated foreign hacking threats
- Priority management of weekly tasks with team of 6 people
- Reporting operations and logs of data traffic with supervisors to managers

Software Projects

Personal Website: www.sabeet.me
Tipping Calculator:
- Developed a tipping calculator that would allow an individual within a group to find out how much they would be required to pay with or without pay.
- Created with **Android Studio** and **Java**

Endless Runner:
- Formed a game where a player can navigate a ball through a tree maze track using **C#** and **Unity**
- Score counter was introduced to display points
- Initially Hosted on **AWS S3 bucket**

Covid19 Tracker:
- Established a Covid19 tracker which updates wide statistics related to the Coronavirus based on zip code
- Data is taken from a publicly available **API**
- Optimized with **Android** and **Java**
- Agile development was simulated using Trello with two teammates to improve collaboration

QC Prof-Stat: http://qcprofstat.tk/
- Designed a full stack app using **JavaScript**, **NodeJS**, **Express**, **MySQL**, and **AWS EC2**.
- This web app was created to help Queens College students to better understand the grade distribution by visualizing the data in the form of charts instead of an excel sheet
- **REST API** created from scratch to best optimize apps use

Preemptive Priority-based Round Robin Scheduler:
- Written in **C++**
- Produced an application that is able to read a tab-delimited process chart text file.
- Values are taken to calculate the output time, turnaround time, and wait time for each individual process

Skills

Java, JavaScript, C++, C#, HTML, CSS, PHP, NodeJS, React, Express, jQuery, Bootstrap, SQL, Git, Linux, Windows 10, AWS, Windows, Microsoft Office, Raspberry pi, Docker, Port Forwarding, Unix, PowerShell