Fahmid Kamal

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Education

New York University Tandon School of Engineering   Brooklyn, New York
Bachelor of Science Computer Science *GPA: 3.941*   September 2017 - December 2020

Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming, Design and Analysis of Algorithms, Computer Architecture, Introduction to Databases, Introduction to Operating Systems, Computer Security, Computer Networking

Work Experience

Viasat, Inc.   Carlsbad, California
Software Engineering Intern   May 2019 - August 2019

- Developed a full stack web application using Django to provide an address pooling service for users to query available IP addresses from a given range
- Designed an easy-to-use interface to control and configure groups of Viasat Mobile Broadband Routers (VMBR) using Ansible and Robot Framework
- Automated the provisioning and configuration of VMBR modems through the aforementioned applications which greatly simplified the process for future teams

Khan's Tutorial   Queens, New York
Instructor   September 2016 - May 2019

- Prepared middle school students for the Specialized High School Admission Test
- Taught groups of up to twenty middle school students math and grammar lessons in a fast-paced learning environment

Projects

mixr

- Utilized object oriented design principles in C++ to create a simple music player compatible with multiple operating systems
- Used Qt 4.8 to create the graphical user interface and style sheets to create a custom dark theme

Report Card Checker

- Implemented a program that downloads report cards from a Google Drive folder and performs data analysis operations on students' grades over time
- Used the Google API client library and the xlrd python library to download files from a drive and parse information from a spreadsheet

Skills

Programming:	C++, Python, JavaScript
Databases:	MongoDB, MySQL
Web:	HTML, CSS, Django, Node.js
Tools:	Git, LaTeX, Jenkins

Awards

NYU Computer Engineering Dean's List   New York University
Recognized for maintaining a GPA above 3.5   May 2018 - May 2019