

# FAHMID KAMAL

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## EDUCATION

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**New York University Tandon School of Engineering** September 2017 - May 2021  
Bachelor of Science in Computer Science *GPA: 3.941/4.000*

**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

## WORK EXPERIENCE

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**Akuna Capital, LLC** Chicago, Illinois  
*C++ Development Intern* June 2020 - August 2020

- Incoming Development Intern on the C++ team

**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

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### 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

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Programming: C++, Python, JavaScript  
Databases: MongoDB, MySQL  
Web: HTML, CSS, Django, Node.js  
Tools: Git, L<sup>A</sup>T<sub>E</sub>X, Jenkins

## AWARDS

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

*Last Updated on December 2019*