

Mohammed Tasnimul Chowdhury

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Education

City University Of New York, Queens College

Flushing, NY

B.S in Computer Science — Senior — Dean's List — GPA: 3.5/4.0

Aug 2018 – May 2022

Relevant Coursework: Data Structures and Algorithms, Object Oriented C++ and Java, Software

Engineering, Operating Systems, Databases, Computational Finance.

EverUp Micro-Credential in Software Engineering

Jan 2021 – Feb 2021

100-hour certification from The New York Jobs CEO Council and CUNY.

Technical Skills

Programming: Java, C++, JavaScript, HTML, CSS, Python, SQL (PostgreSQL), CQL (Cassandra)

Tools/Frameworks: Git, Linux, Android Studio, Bootstrap, Apache: Camel, Kafka, log4j, BeanIO

Experience

Software Engineer Intern

New York, NY

American Express Co.

Jun 2021 – Aug 2021

- Worked on the Global Merchant Services team to process payment data from 10.6 million merchants.
- Developed and Deployed payment rescheduling feature for the payment API into production.
- Created a payment file parser to extract and send payment information into database to be stored and retrieved.
- Utilized the Apache frameworks such as Kafka, Camel, Cassandra, as well as BeanIO and log4j for Java.

Software Developer Accelerate

New York, NY

IBM

Jun 2021 – Jul 2021

- Learned to build Web Applications using HTML, CSS, JavaScript.
- Utilized APIs, taught about Server vs. Client Side, Back End, and HTTP
- Applied proper Cybersecurity techniques for software development

Software Engineer Virtual Experience

Remote

JPMorgan Chase & Co.

Sep 2020 – Dec 2020

- Built a stock market data visualization tool using Python and Typescript for traders.
- Fixed broken client data feed script and adjusted the broken typescript files in repository to make the web application behave in the expected manner.

Software Engineer – Freelance

Flushing, NY

Tech Incubator at Queens College

Dec 2019 – Feb 2020

- Collaborated with a Historian / Researcher to develop and deploy an Android app to teach students about historical events that reinforces the students' knowledge on the assigned readings, impacting over 100 students.
- Learned how to use version control using Git and GitHub on Linux. Used Java, Android Studio, Git, GitHub.

Projects

Free Input Polynomial Calculator | Android App | [Demo](#)

Nov 2020 – Dec 2020

- Developed a Android app using Java that parses two input polynomials and calculates its sum, difference, and product by utilizing linked lists. Improves student productivity by accelerating calculation process

StudyMe | Android App | [Demo](#)

Feb 2020 – Mar 2020

- Developed a flashcard app using Java, Android studio and Room Persistence library for data storage

C++ Projects | Console App | [Demo](#)

Feb 2019 – May 2019

- Projects done in OOP C++ course include: N-Queens, K-Bishop, Shortest Path, Towers of Hanoi, Score the Race.

Leadership and Awards

Secretary of Cyber Security Club

National Society of Leadership and Success Member