Mohammed Tasnimul Chowdhury

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EDUCATION

City University Of New York, Queens College — Flushing, NY

B.S in Computer Science — Junior — 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, Discrete Math, Discrete Structures, Computer Architecture, Theory of Computation, Operating Systems, Calculus, Linear Algebra

TECHNICAL SKILLS

Programming: Java, C++, JavaScript, HTML, CSS, Python, SQL (PostgreSQL)
Tools/Technologies: Git, GitHub, Linux, Android, Android Studio, Bootstrap, VS Code

EXPERIENCE

Software Engineer Fellow — Jan 2021 – Feb 2021
New York Jobs CEO Council — *NYC, NY*
- Learned to build Web Applications using HTML, CSS, JavaScript.
- Developed a database from scratch, using SQL / PostgreSQL.
- Introduced to Python programming and Cloud Computing.

Software Engineer Intern – Virtual Experience — Sep 2020 – Dec 2020
JPMorgan Chase & Co. — *Remote*
- 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.
- Modified the typescript files in repository to make the web application behave in the expected manner.

Software Engineer Fellow — Feb 2020 – Mar 2020
Codepath Inc. — *Remote*
- Highly selective Android mobile app design fellowship.
- Designed and developed a Flashcard app that enhance and encourage active recall. **(Demo)**
- Learned about Debugging, Saving Data using the Room Persistence library, Animations, and Styling.

Software Engineer – Freelance — Dec 2019 – Feb 2020
Tech Incubator at Queens College — *Flushing, NY*
- Developed and Deployed an Android app to teach students about historical events that reinforces the students' knowledge on the assigned readings, impacting over 100 students.
- Collaborated with a Historian / Researcher to gather content for the app.
- 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

Tic Tac Toe | Android App | *Demo* — Aug 2019 – Sep 2019
- Developed a Tic Tac Toe app using Java and Android studio

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**