

# MUHTASIM CHOWDHURY

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## EDUCATION

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Brooklyn College

May 2020

B.S. Computer Science

GPA: 3.1

Relevant Coursework: Data Structures, Algorithms, Operating Systems, Computer Architecture, Intro to Software Engineering

## SKILLS

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- Languages: Java, Python, HTML, CSS, JavaScript, SQL
- Tech Stack: Flask, Django, Express, React/React Native, GraphQL, MongoDB, PostgreSQL, Jest, gRPC, Next.js, Heroku
- Tools: Git, Postman, Charles, Visual Studio Code, Storybook, JIRA
- Fluent Bengali, Basic Spanish

## WORK EXPERIENCE

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**Weight Watchers, New York, NY**

May 2019 – August 2019

*Fullstack Software Engineering Intern*

- Created reusable React components encapsulating error handling and validation logic in a shared UI library
- Tested React components in isolation to handle edge cases in component state using Storybook
- Increased code coverage by 15% by writing unit tests for UI components using Jest
- Used Charles, HTTP proxy software, to inspect traffic and debug networking errors between a frontend application and an endpoint
- Used Next.js to server-side render a React application to improve SEO

**Apprise Mobile, New York, NY**

July 2018 – May 2019

*Engineering Intern*

- Refactored code to increase readability and maintainability
- Troubleshooted and analyzed 30 bugs in mobile and web applications using React and React Native
- Created an infinite list React component to speedup application performance and reduce load on database
- Created GraphQL endpoints along with corresponding functions in a microservice using gRPC
- Participated in code reviews to ensure code quality and learn best practices

## PROJECTS

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*Aloofnotes*

- A note taking application built with React, GraphQL, Express and MongoDB
- Lets you add and edit notes, displaying them in a masonry layout