ZHIAN MAYSOON

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EDUCATION:

Bachelor of Science in Computer Science —— August 2022 – May 2026
Queens College, City College of New York, Queens, New York

- Relevant Coursework: Object Oriented Programming in Java, Object Oriented Programming in C++, Discrete Mathematics, Discrete Structures, Linear Algebra, Computer Organization and Assembly Language, Computer Architecture,
- Dean's List 01/10/2023
- QC Honors Scholarship Recipient
- Peter F. Vallone Scholarship Recipient
- Renee Kroll Zarin Scholarship Recipient
- Extracurricular Activities of Note:
  - Interned for School Newspaper, *The Knight News*, Fall '22

EXPERIENCE:

Sales Associate – Tiger Pharmacy – March 2023 – Current

- Handle stocking of medication, pricing analysis and display of medication
- Created a welcoming environment for customers, greeting them and aiding them in finding over-the-counter medication suited to their symptoms
- Maintain interpersonal relationships with patients to make sure their medication is delivered on time

Girls Who Code MentorCorps – March 2023 – Current

- Hosted middle school students and their chaperones, giving them a tour of the Queens College campus
- Created a welcoming and inviting environment to allow students to ask important questions about college, career choices, and the importance of different activities for the future.

Lead Yearbook Designer – Queens College – July 2021 – August 2021

- Created and managed color palettes, design structures and themes
- Used libraries like TensorFlow, Keras and SciKit Learn to create neural networks in Jupyter Notebook
- Organized and lead a group of designers to implement desired themes with high attention to detail\
- Created and managed color palettes, design structures and themes
- Worked with Editor-in-Chief to organize and carryout deadlines • Used programs like Photoshop, InDesign and Canvas

MIT x SURESTART FutureMakers – Deep Learning Track – July 2021 – August 2021

- Created loss functions to test convolutional neural networks for false predictions
- Used libraries like TensorFlow, Keras and SciKit Learn to create neural networks in Jupyter Notebook
- Learned how to implement activation functions like Rectified Linear unit (ReLU) in networks
- Created a project with team mates to address hospital overcrowding issues and reroute ambulances based on the severity of patients using a linear regression model with a 82% accuracy to factor in injury and traffic conditions (using Google Maps API).

Tutor – Mamun's Tutorial – November 2021 – December 2022

- Collaborated with students to complete homework, identify lagging skills, and correct errors.
- Assisted students with homework using curriculum and materials provided by program.
- Taught study skills and other methods for test preparation.
- Communicated with parents and teachers regarding student progress and areas of concern.
- Determined concepts needing priority focus of tutorial sessions by reviewing and assessing student work, notes, and discussions.

PROJECTS:

BXSCI COURSE HELPER APP – June 2023 – CURRENT

- Uses Flutter to create a cross platform app that can sync across devices using login information to save data under specific users, like 'favorite' courses, setting preferences, etc.
- Implemented an accurate search function, searching through courses using course code and name.

Retro Text Gaming – April 2022 – May 2022

- Used Arduino circuit board and programming to create a small handheld gaming console using an LCD board and a joystick to create a text-based game that displays different options based on the user's choice, leading to several different story conclusions

Student Loan Calculator

- Implemented student loan interest function in clear, easy to use UI design for Android applications to calculate student loans based on the number of years, interest rate and fees.

Weather App

- API implementation of data from openweatherapp.org to display weather in the area of your choice

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SKILLS:

- Fluent in English and Bengali. Proficient in Hindi. Low level Intermediate in French and Urdu
- Proficient in software's such as: Eclipse, IntelliJ, Visual Studio Code, Android Studio, MARS, etc.
- High Level Programming Languages like Java, C++ and Python
- Low Level Programming Languages like MIPS Assembly
- Project Coordination, Schedule Management, Problem Solving and Analysis