

Rodba Khondoker

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EDUCATION

CUNY Queens College

Expected December 2025

Bachelor of Arts in Computer Science, Minor in Mathematics

Flushing, NY

- GPA: 3.89/4.0
- Relevant coursework: Data Structures, Calculus I/II, Linear Algebra, Computer Architecture, Theory of Computation, Operating Systems Principles, Machine Learning

EXPERIENCE

Software Engineer Intern

July 2024 – August 2024

The Difference

Remote

- Collaborated with a dynamic team to integrate the Flutter front-end with a Laravel backend for a weight loss application, enhancing app functionality and performance
- Re-engineered Home, Profile, and Progress screens, resulting in a 25% increase in user engagement and streamlined data management
- Enhanced user insights by implementing a feature to update daily results based on new logs and introduced one-month data retention policy for optimal performance

Data Analytics Intern

January 2023

Credit Suisse

New York, NY

- Collaborated with a team of four members to create a user-friendly dashboard using Tableau aimed at analyzing group performance and expediting the processing of change requests within internal databases
- Worked closely with stakeholders to understand their needs and requirements for the dashboard, and incorporated their feedback to ensure that it effectively addressed their needs
- Demonstrated expertise in Tableau and data analysis techniques throughout the project, allowing stakeholders to quickly analyze distinct groups and gain valuable insights to optimize team performance

Peer leader

October 2022 – May 2023

Academic Advising Center at Queens College

Flushing, NY

- Mentored over 100 students weekly, providing personalized guidance on registration, financial aid, and campus resources
- Fostered strong communication with students, enabling them to confidently navigate academic and administrative challenges
- Streamlined student progress tracking using advanced Excel features, improving accuracy in monitoring and supporting academic milestones

PROJECTS

ThriveChat [GitHub](#)

A Retrieval-Augmented Generation (RAG) chatbot providing concise responses and mental health resources. Built using ChatGroq, HuggingFace Sentence Transformers, and Chroma for efficient retrieval and contextual accuracy. Features document retrieval from PDFs and an interactive interface powered by Gradio

Movie Recommender [GitHub](#)

A content-based movie recommendation system leveraging the TMDB dataset to suggest movies based on user preferences. Built using Streamlit for the frontend and hosted on Hugging Face Spaces. Features preprocessed datasets and a responsive design for real-time recommendations

VOLUNTEER EXPERIENCE

Student Ambassador

February 2024 – Present

Queens College

Flushing, NY

Responsibilities include conducting tours for prospective students to encourage enrollment, assisting in organizing on-campus events such as open houses, and collaborating with the Admissions Office to promote the college's programs and services

SKILLS

Languages: Java, C++, SQL, HTML, CSS, JavaScript, Python, Dart

Tools and Frameworks: Flutter, Streamlit, Laravel, HuggingFace Transformers, LangChain, React Native, TensorFlow, Chroma, Git, Tableau, Jupyter Notebook

AWARDS

Queens College Academic Excellence Award (Provost Scholar)

2022 – 2024