

TAMANNA CHOWDHURY

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EDUCATION

HUNTER COLLEGE, Manhattan, NY

Expected Graduation: May 2025

B.A. | Computer Science

- Daedalus Honors Scholar

CORNELL TECH, Ithaca, NY

Expected Graduation: May 2025

Breakthrough Tech AI | Machine Learning

EXPERIENCE

Latitude AI, New York, NY

August 2024 - Present

AI Studio Project

- Implementing BEV segmentation techniques with Python and scikit-learn to enhance project performance and model accuracy
- Evaluating model checkpoints and metrics on the nusenes dataset with scikit-learn, working towards reproducing metrics and contributing to ongoing project advancements

Federal Deposit Insurance Corporation (FDIC), Washington, DC

June 2024 – August 2024

Data Engineer Intern

- Developed a cross-walking tool that seamlessly connected FDIC documents with their Federal Reserve Bank (FRB) numbers, enabling about 20 teams to efficiently access and match data with a single click
- Contributed to the FDIC website by creating a comprehensive glossary that detailed the sources of information for their APIs, enhancing data transparency and accessibility

Mastercard, New York

January 2023

Product Manager Intern

- Created a time-saving solution in three weeks using REST API to streamline software data transfer to PowerPoint, saving 100's of hours for 200 hundred teams
- Collaborated with a Product Manager to oversee Mastercard's Catalog, gaining valuable experience in sprint methodologies and software engineering fundamentals
- Used Agile practices, including stand-ups and sprint planning, for effective project execution and timely delivery

PROJECTS

Halal Bites

July 2024 – Present

- Designing and developing a cross-platform mobile app using React Native, incorporating Google Maps API to display and navigate halal food locations in NYC
- Implementing an AI-powered chatbot to recommend halal food places based on user preferences and queries, utilizing NLP models to enhance user interaction and provide personalized dining suggestions

Campuses Application

April 2024 – May 2024

- Developed a seamless, user-friendly application for administrators to manage student information by creating front-end components in React, implementing client-side routing with React Router
- Building a robust backend with Express and Sequelize to handle CRUD operations and database management

SKILLS AND INTERESTS

- **Computer Skills:** Python, C++, SQL, Azure, GitHub, UNIX/Linux, PostgreSQL, Node.js, HTML, CSS, JavaScript, Jupyter, Numpy, Matplotlib, TensorFlow, Keras, Figma, PowerBI
- **Languages:** Bengali (native), Spanish (advanced), Hindi (intermediate)
- **Certifications:** Adobe Certified Professional in Visual design Using Adobe Photoshop, Fundamentals in Digital Marketing, Google Foundations of Project Management