TAMANNA CHOWDHURY

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https://github.com/tamannachowduryy

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
- Collaborated with product managers and engineers to develop scalable and reliable predictive models, reducing compute time by 20% and enhancing accuracy by 40%
- Engineered and optimized front-end components for seamless user interaction and data visualization of large datasets across multiple platforms

Hunter College, New York, NY   January 2024 - Present
Undergraduate Teaching Assistant
- Assisted in course delivery, code reviews, and feedback, helping 500 students master advanced Python topics

Federal Deposit Insurance Corporation (FDIC), Washington, DC   June 2024 – August 2024
Software Engineer Intern
- Designed and implemented a scalable data-matching tool with a user-friendly interface, improving data ingestion, transformation, and distribution efficiency by 30%
- Developed a cloud-based data glossary focusing on usability and accessibility, enhancing compliance and transparency across 20+ teams

Mastercard, New York, NY   January 2023
Software Engineer Intern
- Led the design and development of user-facing microservices, reducing data transfer time by 100+ hours across 200 teams through optimized front-end performance and CI/CD pipelines
- Collaborated with product managers and designers to improve operational efficiency and streamline feature delivery

PROJECTS

Halal Bites   July 2024 – Present
- Designing and developing a cross-platform mobile app using React Native with Google Maps API to navigate halal food locations in NYC, and implementing an AI-powered chatbot with NLP models to recommend personalized dining options based on user preferences

Campuses Application   April 2024 – May 2024
- Built a robust backend with Express and Sequelize for CRUD operations and efficient database management, improving data retrieval speeds by 20%, while leading a team of 3 developers to seamlessly integrate frontend and backend components

SKILLS AND INTERESTS

- **Computer Skills:** Python, C++, SQL, Azure, Git, UNIX/Linux, Robotics, AWS, Go, PostgreSQL, Node.js, HTML, CSS, JavaScript, Jupyter, NumPy, Matplotlib, TensorFlow, Keras, Jira, 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
- **Leaderships**: APIA Scholar, Daedalus Committee Member, Breakthrough Tech Fellow, ANY Fellow, Codepath Fellow, CAPAL Fellow, Kode With Klossy Fellow