

TAMANNA CHOWDHURY

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EDUCATION

HUNTER COLLEGE, CUNY

Expected Graduation: May 2025

Bachelor of Arts | Computer Science

- Daedalus Honors Scholar

CORNELL TECH, Ithaca, NY

Expected Graduation: May 2025

Breakthrough Tech AI | Machine Learning

EXPERIENCE

Federal Deposit Insurance Corporation (FDIC)

June 2024 – Present

Large Data Management Intern

- Excelled in utilizing Microsoft Power Platform and Python Package, contributing to enterprise computing environments and enabling efficient data accessibility for economic research projects
- Applied expertise in handling high-level government economic statistics, APIs, and public climate data, bolstering proficiency in data science and economic research methodologies

HUNTER COLLEGE

February 2024 - Present

Teaching Assistant, Intro to Computer Science

- Provide specialized support to students in Introduction to Computer Science, offering guidance on course topics and concepts to approximately 500 students' projects
- Conduct exam reviews, address inquiries, and enhance understanding and ensure quality, efficiency through code reviews of students' programming assignments
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MASTERCARD

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
- Utilized Agile principles and practices, such as daily stand-ups, sprint planning, and grooming to ensure effective project execution and timely delivery of solutions

PROJECTS

Ballon Tower Defense, Python

June 2024 – Present

- Created an engaging game designed to foster problem-solving skills in young children
- Worked with a teammate to create a kid-friendly game, integrating dynamic programming and essential libraries to ensure fun gameplay while defending against playful zombies

Emotion Detector, Python

January 2024 – February 2024

- Creating a sophisticated emotion detection program using DeepFace, a powerful open-source framework
- Engineering a multifaceted program capable of calculating age, race, and gender when a camera is engaged, while gaining valuable insights into AI principles and techniques

SKILLS AND INTERESTS

- **Computer Skills:** UNIX/Linux, HTML, CSS, JavaScript, Python, C++, SQL, Figma, MockFlow
- **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