Maliha Tasnim

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EDUCATION

CUNY Hunter College   GPA: 3.9
Bachelor's of Arts: Major in **Computer Science**, Minor in **Math**, Thomas Hunter Honors   August 2022 - May 2026
Relevant Courses: Data Structures and Algorithms, Discrete Math, Linear Algebra, Computer Architecture I & 2, Artificial Intelligence, Computer Theory, Web Development

Stuyvesant High School   September 2018 - June 2022

EXPERIENCE

Software Engineering Intern   Hybrid
Patina Network   June 2024 – August 2024
- Assisting in the planning and setup phase for the company's website development project
- Learning to develop user interfaces using React and Mantine libraries with UI/UX team

Software Engineering Intern   Remote
Reach Into Cultural Heights | Research Foundation of CUNY   July 2023 – August 2023
- Enhanced website interactivity by implementing a more robust and user-friendly chatbot, improving user engagement and support by 5%
- Conducted a comprehensive review of the website, identifying and rectifying 50+ errors to ensure a seamless user experience, resulting in a polished and professional online presence
- Revamped the website's aesthetics to resonate more effectively with the intended audience
- Mentored 3 high school interns, facilitating their contributions and improving their understanding of website development

Undergraduate Teaching Assistant   New York City, New York
CUNY Hunter College   January 2023 - present

- Assisted students in comprehending fundamental programming concepts in data structures and algorithms courses, fostering a deeper understanding and improving quiz/code review scores by 30%
- Led 50+ engaging and interactive group tutoring sessions, enhancing students' practical skills in C++, Python, and Python libraries (pandas, numpy, folium, matplotlib) through exercises and collaborative problem-solving
- Conducted 200+ thorough code reviews, offering constructive feedback to ensure students' code quality, adherence to best practices, and mastery of coursework
- Successfully supervised and aided a diverse cohort of approximately 600 students during lecture hall sessions, maintaining an organized and conducive learning environment

Social Media Intern/Candidate Researcher   Remote
MyVote Project   October 2020 - July 2022
- Strategically devised and executed an impactful posting schedule, delivering 50+ informative and engaging posts that highlighted pertinent topics within local elections, fostering heightened voter awareness and engagement
- Implemented a Facebook fundraising initiative, spotlighting the invaluable contributions of MyVote volunteers to their friends and families, thereby amplifying support and community involvement
- Diligently researched and profiled 70+ elections and candidates on a national scale, augmenting the MyVote Website's breadth of information and providing users with a richer understanding of the political landscape

Projects

- Led a team to create The Green Initiative, a website that hosts neighborhood clean-up events in NYC that won second place in Black Wings Hack 2023. (JavaScript, HTML, CSS)
- Created The Green Garden Network, a website that connects community gardens to residents in order to fight food deserts and foster community building using the Google Maps API (React, HTML, CSS)

Skills

TECHNICAL: Python (pandas, numpy, folium, matplotlib), C++, Processing, Java, HTML, CSS, JavaScript, React, TypeScript, Mantine, Google Maps API, Git, Sublime Merge, IntelliJ, Visual Studio Code, MS Office, Canva, Google Suite,
LANGUAGES: Bengali: intermediate, Spanish: beginner