

Masum Ahmed

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EDUCATION

Hunter College, City University of New York Computer Science, BA

[🎓 Degree](#) Sep 2023

Relevant Courses: Data Structures, Algorithms, Data Science, Web Development, Databases, Computer Theory, Operating Systems, Computer Architecture, Creative Code, Calculus II, Matrix Algebra, and Statistics

ACTIVITIES

Hunter College, City University of New York, Media Board Co-Chair

Aug 2020 - May 2022

- Demonstrated effective leadership as the overseer of media board activities, successfully engaging a student base of over 1,000.
- Exercised meticulous financial management skills in handling a budget exceeding \$24,000, ensuring strict adherence to financial policies and responsible allocation of resources.
- Led the evaluation process to determine student publications eligible for funding, facilitating equitable distribution and promoting the growth of campus publications.

Hunter College, City University of New York, Hunted Hero Comics President

Aug 2020 - May 2022

- Demonstrated effective leadership and oversight of student comic publication concerning, events, budget, and publication.
- Processed paper work for student events and contributed to financial accountability by accurately filing purchase orders within budget constraints.

EXPERIENCE

Fiverr and Upwork Freelance Software Engineer & Engineering Consultant

Sep 2019 - July 2024

- Implemented bespoke software solutions for clients to increase customer engagement and efficiency in inventory management systems, rapid sale quotations, and invoicing.
- Decreased operational costs for small businesses while ensuring easy upkeep for non-tech-savvy users.
- Utilized technologies such as Mapbox, React, Node, Express, and PostgreSQL.

All Star Code Teaching Assistant

Jun 2019 - Aug 2019

- Captivated student attention and fostered comprehension by leading lectures with a focus on clarity and engagement while maintaining student attention.
- Personalized one-on-one support to students, re-articulating complex abstract concepts and resolving misunderstandings.
- Strategically revised curriculum to align the cohort's unique dynamics, ensuring optimal synergy with the learning materials and student needs.

Macquarie Group Intern

July 2016 - Aug 2016

- Produced internal intern's promotional video by scripting, scheduling, recording, and editing with limited resources.
- Analyzed feedback from customer forms and suggested solutions to management to meet customer satisfaction goals.

PROJECTS

File System, Computer Science Capstone

- Implemented a mock file system using OS design principles in C++ and stored data using a simulated FAT32 volume.
- Provided a simple API for creating, reading, and deleting files.
- Grade received: A+

PEVPlug, Personal Project

- Designed and implemented a fullstack RESTful app that crowd-sources locations of accessible power outlets open to the public for the Personal Electric Vehicle (PEV) community.
- Utilized technologies such as MongoDB, Express, React, Tailwind, and NodeJS.

SKILLS

Computer Languages	HTML/JSEX, CSS/SCSS, JavaScript/TypeScript, Python, SQL, C/C++, C#, and GDScript
Libraries/Frameworks	React, React Native, Express, jQuery, Tailwind, SciPy, SeaBorn, and Scikit-Learn
Technologies	Node, Linux, Bash, Docker, Git, MongoDB, Postman, JupyterLabs, PostgreSQL, and Godot
DevOps	AWS, Azure, Heroku, Agile workflow, integration testing, unit testing, OOP, and Trello
Communications	L ^A T _E X, Markdown, Microsoft Excel, Photoshop, Illustrator, and InDesign