

DARREN MOY

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EDUCATION

Hunter College, City University of New York (CUNY), New York, NY May 2025

Bachelor of Arts in Computer Science, Current GPA: 3.2

Relevant Coursework: Discrete Structures and Algorithms, C++ Programming, Data Structures, Software Design and Analysis I & II, Computer Architecture

SKILLS

Languages: JavaScript, Python, C/C++, Java, HTML/CSS,

Libraries/Frameworks: Next.js, React.js, Express.js, Node.js, MongoDB, NumPy, pandas

Developer Tools: Git/GitHub

Languages: Intermediate in Chinese

Certifications: Coursera's Google IT Support (May 2021),

PROJECTS

Fully Responsive Front-End Website June 2023

- Designed and developed a fully responsive front-end for a dynamic website using React.js and CSS, ensuring an exceptional user experience on a wide range of devices and screen sizes.
- Implemented a mobile-first strategy, crafting features that seamlessly adapt to various breakpoints and orientations, guaranteeing a consistent and visually appealing user experience on smartphones, tablets, and desktops.

Profemon Game May 2023 – June 2023

- Conceptualized and brought to life the Profemon battle game, showcasing an expert grasp of object-oriented programming (OOP) concepts.
- Demonstrated proficiency in OOP by creating Skill and Profemon classes with a focus on encapsulation and inheritance.
- Created Department classes with specialization, demonstrating class hierarchy and inheritance.
- Actively collaborated with team members, engaging in thorough debugging and testing to ensure the game's robust functionality.

Dynamic Playlists March 2023 – April 2023

- Displayed strong C++ programming skills by implementing a dynamic playlist system.
- Utilized dynamic memory allocation and employed classes to effectively manage and manipulate song data.
- Collaborated closely with team members, adhering to incremental development and testing methodologies, resulting in a well-structured and efficient playlist system.
- Implemented essential functions to read songs from files, allocate memory dynamically, and enable song filtering based on genres and durations.

WORK EXPERIENCE

I.T. Services LLC, NYC, NY August 2024 – Present

Web Development Intern

- Integrated Zoom API into STEMKASA, an Interactive STEM Learning Platform for K-12 students.
- Developed and maintained front-end components using React.js, ensuring responsive and interactive UI for the platform.
- Optimized API calls and data handling to improve platform performance and reduce loading times.