Edward Chen

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EDUCATION AND HONORS

Stony Brook University   **Stony Brook, NY**

Bachelor of Science | Computer Science/Applied Mathematics and Statistics

Relevant Coursework: Object-Oriented Programming, Data Structures, Programming Abstractions, System Fundamentals I & II, Software Engineering, Multivariable and Vector Calculus, Differential Equations, Applied Linear Algebra, Finite Mathematical Structures, Survey of Probability and Statistics

Personal Projects - GitHub

Nourish Nexus   **March 2024**

OpenAI API
- Developed "Nourish Nexus", a web app that leverages OpenAI's API for crafting custom recipes aligned with users' fitness goals and the ingredients they have on hand.
- Focused on backend development, integrating cloud storage for data management. Also aided in front-end development, using React.js to introduce modal features for easy recipe viewing and handling.

Mediflow   **May 2024**

Socket.IO, JWS Authentication
- Created a versatile application designed for managing accounts, resources, equipment, rooms, procedures, processes, rosters, assignments, and participation. This system is adaptable for use in various industries, including healthcare, to streamline operational workflows.
- Employed a MongoDB backend architecture to ensure efficient storage and management of user-generated data, including actions and securely encrypted account information.
- Integrated Socket.IO for communication between users and administrators

Fake Stack Overflow   **May 2023**

MERN
- Developed a dynamic website reminiscent of Stack Overflow using the MERN Stack, offering users the ability to register accounts, participate in forum discussions, and engage with posted content within a community related environment.
- Implemented functionalities such as tagging and search capabilities, allowing users to categorize their posts effectively and to locate relevant content. These features enhance user experience by streamlining content discovery and navigation within the platform.

Professional Experience

Campus Life Centers   **Aug 2022 – May 2024**

Operations Specialist
- Orchestrated the planning and execution of events catering to over 200 students, collaborating with various clubs and organizations, and coordinating efforts among fellow staff members. This involved overseeing logistical arrangements, ensuring efficient event flow, and preserving engaging experiences for attendees.
- Directed the day-to-day operations of the Alan S. Devries building, Student Union, and Student Activity Center, assuming responsibility for multiple event spaces. Tasks included configuring event rooms, fulfilling receptionist duties, and delivering support to students and the public.
- Provided technological assistance to both students and professors that were in need during scheduled class times.

ADDITIONAL INFORMATION

Technical Skills
- Python, JavaScript, Java, C++, C, R, CSS, Microsoft Office Suite