Nick Jason Gaba Mamaoag

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EDUCATION

B.S., Computer Engineering **Expected December 2026**
San Jose State University San Jose, CA
Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming, Assembly Language Programming, and Circuit Analysis

PROJECTS

Task Scheduler Program (Data Structures and Algorithms) - C++ **January 2024 – May 2024**
College Class San Jose, CA
- Developed and coded a task scheduler program to manage a collection of tasks, and provide ways to add, remove, update, prioritize, and execute tasks.
- Utilized merge sort and data structures such as hash tables, stacks, queues, and vectors.
- Led the development of the task scheduler program, taking the initiative to design and implement core functionalities with team members to ensure efficient task management and timely project completion.

Food Ordering System (Programming Concepts and Methodology) - C **January 2023 – May 2023**
College Class San Jose, CA
- Developed an owner application for registering, searching, and viewing menu items and managing customer orders; designed a customer application for browsing menu, searching items, adding to cart, checking out, and viewing receipts.
- Spearheaded establishing and enforcing targeted deadlines, ensuring key components were completed before the project deadline.

SKILLS

Professional: Critical thinking, collaborative team player under pressure, excellent verbal and written communication, strong work ethic, and quick adaptability with a commitment to continuous learning.

Technical: C, C++, Visual Studio

WORK EXPERIENCE

Spartan Recreation and Aquatic Center **June 2024 – Present**
Guest Services Assistant San Jose, CA
- Communicate with guests regarding membership options and inquiries, ensuring a positive experience.
- Coordinate with coworkers to maintain a smooth operational flow and enhance customer service.
- Improve membership enrollment by selling memberships and promoting facility amenities.
- Resolve conflicts and issues, fostering a welcoming environment for all guests.

Livermore Lawrence National Laboratory **July 2021 – August 2021**
Intern/Workshop Livermore, CA
- Learned how to use cybersecurity tools such as Wireshark, Burp Suite, and Firefox Developer Tools; found website defects, and used Python.
- Conducted research on a website and presented a report on findings.
- Strategized with a team to create a report.