Ariel Sosa

Email:
arielsosa0123@gmail.com
1282 Pembroke Street, Uniondale, NY

Cell: (516)-946-4640

Linkedin:
www.linkedin.com/in/arielsosa0123
GitHub: https://github.com/arielsosa

Education:

University at Buffalo (SUNY) — Buffalo, NY
Bachelor of Science in Computer Science
Expected May 2027 | GPA: 3.1

Nassau Community College — Garden City, NY
Studied Computer Science
May 2025 | GPA: 3.0

Relevant Coursework:

Data Structures, Discrete Math, Computer Architecture, Mobile Applications, Comp Sci I & II, Systems Programming, Prob & Statistics, Web Programming I

Technical Skills:

• Languages: Python, C++, C, Java, HTML, CSS, SQL, HTML, CSS

• Tools/Platforms: GitHub, GitLab, Visual Studio, SQLite, Virtual Machines, Debugging Tools, eclipse, intelliJ, Pycharm

• Concepts: Object-Oriented Programming, Data Structures, Team Collaboration

Projects:

• Data Structures Projects
Developed linked lists, hash tables, and trees in C++/Java. Focused on performance optimization and memory management.
• Introductory Game Development
Created 2D games in Python and Java using object-oriented principles. Debugged logic errors and refined gameplay mechanics. (Pong, Tic-Tac-Toe, Falling Blocks Sim, Conway's Game of Life)

Experience:

Imperial Diner — Freeport, NY — Shift Lead In TakeOut
Dates of Employment: 2022 - 2025
• Supervised takeout operations, ensuring smooth order flow and customer satisfaction.
• Managed app-based orders via DoorDash and Uber Eats Business platforms.
• Diagnosed and reported system bugs affecting order processing and delivery coordination.
• Provided frontline customer service and trained team members in tech-enabled workflows.

Nassau Community College –Student Developer – The Nest Food Pantry Mobile App
Dates of Experience: Fall 2024
• Collaborated with a team of student developers to design and implement a mobile application for a campus food pantry using Java, Visual Studio, HTML, and SQLite.
• Used GitLab repositories to manage version control, push changes to feature branches, and resolve merge conflicts.
• Worked across multiple CI/CD pipelines to test and troubleshoot bugs, simulating a professional software development workflow.
• Participated in cross-team collaboration to identify system issues, present solutions, and implement fixes.
• Led efforts in multi-language text translation and accessibility testing to ensure inclusive user experience across devices.

Activities:

• Society of Hispanic Professional Engineers (SHPE), UB Chapter
Active Member — Participate in networking events, technical workshops, and collaborative engineering projects.