

Mazen Ibrahim

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EDUCATION:

Stony Brook University
Bachelor of Science in Computer Science

Stony Brook, New York
Expected May 2025

RELATED COURSEWORK:

Fall 2021 - Current

Stony Brook University:

- Introduction to Object-Oriented Programming | Data Structures | Foundations of Computer Science | Programming Abstractions | Systems Fundamentals I | Fundamentals of Software Development | Analysis of Algorithms | 2D Game Programming | System of Fundamentals II | Intro to Theory of Computation | Linear Algebra | Finite Mathematical Structures | Survey of Probability and Statistics
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WORK EXPERIENCE:

Stony Brook University: Academic and Transfer Advising Services
Transfer Credit Articulator & Front Desk

Sept 2021 - Current

- Manage entry of course equivalencies and student academic records in Peoplesoft database.
- Post and updated transfer to incoming and continuing student records.
- Maintain transfer articulation spreadsheets within Google Drive.
- Experience in entering information into databases or software programs

Wendy's:

Team Trainer

May 2019 - Jan 2024

- Communicated with the Wendy's team to provide the best customer service while maintaining a low average wait time per customer.
 - Trained and supervised new employees the fundamentals of order taking, coordinating orders, cleaning, and handling money.
 - Multitasked and worked two or more stations due to employee shortage, and remaining calm under pressure during rushes.
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PROJECTS:

Robo-Rush | *TypeScript, Wolfie2D engine*

- Led a team of three in conceptualizing and developing a 2D game, 'Robo-Rush' where we utilized TypeScript programming language and exploited the Wolfie2D engine to implement sprite animations and innovative gameplay mechanics, including infinite scrolling, obstacle avoidance, and game physics.
- This project honed my skills in collaborative game development, encompassing design, coding, and debugging within a real-world development environment.

Fake_stackoverflow | *JavaScript, HTML, CSS, React, Node.js, Express.js*

- Collaborated with a partner to develop a full-stack web application using the React framework for the frontend and MongoDB, Node.js, and Express.js for the backend.
- This project polished my skills in collaborative web development, and coding and debugging.

Calculator Project | *JavaScript, HTML, CSS*

- Designed and developed a calculator application inspired by the iPhone calculator app, utilizing HTML, CSS, and JavaScript to implement its functionality.

CSE 320 C Memory Function | *C*

- Implemented memory allocation functions including malloc, realloc, and free in C, within a custom .c file, supplemented by additional helper functions provided by the professor in a separate .h file.
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TECHNICAL SKILLS:

- **Languages:** Java, Python, MIPS, JavaScript, TypeScript, HTML, CSS, C, SQL, Ocaml,
- **Frameworks:** React, Node.js
- **Developer Tools:** Git, VS Code, Eclipse, IntelliJ
- **Other Skills:** Customer Service, Teamwork, Training, Supervising, Fluent in Arabic