Mazen Ibrahim

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EDUCATION

Stony Brook University   **Stony Brook, New York**

B.S. in Computer Science   *Expected Graduation, May 2025*

- o **Related Coursework:** Introduction to Object-Oriented Programming | Data Structures & Algorithms | 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 | Introduction to Data Science | Computer Networks | Scripting Languages

EXPERIENCE

Stony Brook University: Academic and Transfer Advising Services   **Stony Brook, New York**

Articulator   *Sep 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   **Port Jefferson Station, New York**

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 and helped train and supervise new employees.

PROJECTS

Fake_stackoverflow | *JavasScript, HTML, CSS, React*

- Designed and developed a Portfolio website application using React, featuring a modern and intuitive user interface. With the usage of multiple libraries to provide innovative designs and attractive animations, enhancing the website's visual appeal and user engagement.
- This project elevated my proficiency in frontend skills and provided a deeper understanding of React and useful npm libraries for enhanced web application quality and interactivity.

Fake_stackoverflow | *JavasScript, 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.

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.

ACTIVITIES AND LEADERSHIP

Volleyball Club at Stony Brook University   **Stony Brook, New York**

Treasurer   *Sep 2023 – May 2024*

- Handled invoice requests and allocations for the Volleyball Club in order to optimize the budget and also maintained a budget spreadsheet for organization.

Secretary   *Jan 2023 – May 2023*

- Organized the club's main folder in Google Drive used to access all the events and information regarding the club, took minutes of meetings and stored them in the drive, and responded to all the emails sent to the club.

SKILLS

Programming Languages: Java, Python, JavaScript, HTML/CSS, SQL, Node.js, React.js, C

Tools: Visual Studio Code, IntelliJ,, Eclipse, Jupyter Notebooks, Git

Other Skills: Customer Service, Teamwork, Training, Supervising, Fluent in Arabic