TAYZA SHWE

Boston, MA

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EDUCATION

Boston University College of Arts and Sciences, Boston, MA   **May 2024**
Bachelor of Arts in Computer Science & Minor in Statistics
GPA: 3.33

TECHNICAL SKILLS

Frontend | React.js, JavaScript, HTML5, CSS3
Backend | MongoDB, Express.js, Node.js
Other Programming Languages | Ocaml, Java, Python
Developer Tools | Git, npm, Webpack

WORK EXPERIENCES

SEE ID, Shirley, MA   **June 2022 - Present**
Software Engineer Intern
- "We're an industrial IoT team providing systems to identify, locate, and authenticate assets in real time."
- The intern will be expected to contribute to the development of webapps both in the frontend and backend.

PROJECTS

Trading Bot   **November 2021 – January 2022**
Individual Developer | Independent Project | Github link: https://github.com/TayzaShwe/crypto_trading_bot_repo.git
- Programmed a cryptocurrency trading bot using Python that automatically creates trailing stop loss orders and trailing take profit orders based on the current price of an asset which is updated at a chosen time interval.
- Developed a web version of the trading bot using HTML5, CSS, and JavaScript to simulate the trading bot with fake money. Used Cryptocompare to retrieve historical price data and Chart.js to chart the data.

Tic-Tac-Toe Game   **May 2022**
Individual Developer | Independent Project | Github link: https://github.com/TayzaShwe/tic_tac_toe.git
- Programmed a tic-tac-toe game using Python that allows the user to play against another player, an easy bot that randomizes moves, and a hard bot that uses the minimax algorithm to find the optimal move.
- Designed a graphical user interface for the game using PyQt5 and created an executable file for linux using PyInstaller to play the game.

Interpreter   **April 2022**
Individual Developer | Course Project | Github link: https://github.com/TayzaShwe/cs320_interpreter_project.git
- Programmed an interpreter using Ocaml that accepts a string of commands, evaluates the commands on a stack, and returns an array of results.
- Learned to use abstract types to write parsers which the interpreter used to accept commands ranging from basic mathematical operations to declaring functions with closures.

Portfolio Website   **April 2022**
Individual Developer | Independent Project | Github link: https://github.com/TayzaShwe/portfolio_website.git
- Programmed a portfolio website using HTML5, CSS, and JavaScript to showcase my projects.

ADDITIONAL EXPERIENCES

Boston University Finance and Investment Club, Boston, MA   **September 2020 – January 2021**
Junior Analyst
- Learned multiple ways to analyze industries, such as Porter's 5 Forces and SWOT analysis, basic valuation metrics, and fundamental accounting concepts.
- Pitched a small cap company as a buy in the semiconductor industry to multiple experienced investors in private equity and venture capital firms and succeeded against all other pitches in the club.