

TAYZA SHWE

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EDUCATION

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

May 2024

TECHNICAL SKILLS

Frontend | React.js, JavaScript, HTML5, CSS3
Backend | MongoDB, Express.js, Node.js, PostgreSQL, MySQL
Developer Tools | Git, npm, Webpack, Docker, Agile Methodology
Other Programming Languages | Ocaml, Java, Python, C++, C#

WORK EXPERIENCES

Capital One, Richmond, VA
Incoming Software Engineer Intern

June 2023 - August 2023

NBCUniversal, Boston, MA
DevOps Engineer Intern

January 2023 - Present

UKG, Lowell, MA
Software Quality Assurance Engineer Intern

September 2022 - December 2022
C# | SQL

- Contributed to the localization feature of one of the company's main products by writing automated test scripts and documenting the results of manual tests.

SEE ID, Shirley, MA
FullStack Developer Intern

June 2022 - August 2022
JavaScript | React.js | Node.js | Express.js | MongoDB | Docker | EC2

- Developed a proof-of-concept of a FullStack real-time asset tracking application, independently, for the Department of Defense, that helped acquire new clients and win multiple contracts.
- Built REST APIs using Node.js and Express.js, set up a reverse proxy using NGINX, and deployed the application on an AWS EC2 instance which was used for product demonstrations with clients.

PROJECTS

Trading Bot
Individual Developer | Independent Project

November 2021 - January 2022
Python | JavaScript | HTML5 | CSS3

- 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 to simulate the trading bot with fake money. Used Cryptocompare to retrieve historical price data and Chart.js to chart the data.
- Github:** https://github.com/TayzaShwe/crypto_trading_bot_repo.git

Tic-Tac-Toe Game
Individual Developer | Independent Project

May 2022
Python | PyQt5

- 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.
- Github:** https://github.com/TayzaShwe/tic_tac_toe.git

Interpreter
Individual Developer | Course Project

April 2022
Ocaml

- Programmed an interpreter using Ocaml that accepts a string of commands, evaluates the commands on a stack, and returns an array of results.
- Github:** https://github.com/TayzaShwe/cs320_interpreter_project.git

Portfolio Website
Individual Developer | Independent Project

April 2022
JavaScript | HTML5 | CSS3

- Programmed a portfolio website using and deployed it on github to showcase my projects.
- Github:** https://github.com/TayzaShwe/portfolio_website.git