

TAYZA SHWE

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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, PostgreSQL, MySQL

Developer Tools | Git, npm, Webpack, Docker, Kubernetes, Ansible, Agile Methodology

Other Programming Languages | Ocaml, Java, Python, C++, C#

WORK EXPERIENCES

Capital One, Richmond, VA

June 2023 - Present

Software Engineer Intern

JavaScript | React.js

- Will be building a FullStack applicaiton for internal use using React.js and SQL that simplifies the process of taxonomy creation, updates, and management.

NBCUniversal, Boston, MA

January 2023 - April 2023

DevOps Engineer Intern

Docker | Kubernetes | Ansible

- Improved the deployment process of AWX onto servers from an outdated process to a new one utilizing Kubernetes and automated the process by writing an ansible playbook for it.
- Migrated 40 projects that control over 11,000 servers from the old AWX deployment to the new deployment.

UKG, Lowell, MA

September 2022 - December 2022

Software Quality Assurance Engineer Intern

C# | SQL

- Contributed to the localization feature of one of the company's main products by writing over 30 automated test scripts and documenting the results of manual tests.
- Fixed bugs in the company's main internal testing framework and added new features to it.

SEE ID, Shirley, MA

June 2022 - August 2022

FullStack Developer Intern

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

November 2021 - January 2022

Individual Developer | Independent Project

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

Interpreter

April 2022

Individual Developer | Course Project

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

Tic-Tac-Toe Game

May 2022

Individual Developer | Independent Project

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