Chelsea Nnanyanzi

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Education

Trinity Valley School, High School Diploma   Aug 2018 - May 2022

Boston University, Bachelor's in Computer Science   Sept 2022 - May 2026

- **Questbridge Scholar**, Boston University Questbridge Scholar
- **Coursework:** Computer Systems, Software Engineering, Probability in Computer, Geometric Algorithms, Data Science: Tools and Applications, Database Systems, Distributed Systems, Information Security, Theory of Programming Languages, Web Application Development, Full-Stack Application Design and Development
- **Boston University's London Study Abroad:** Studied Software Engineering, Algorithms, and London Architecture and Psychology Perspectives
- **Kappa Theta Pi:** Lambda Chapter

Experience

Enterprise Technology Partner Intern - API Development, Southern Glazer's   May 2025 – August 2025
Wines & Spirits – Dallas, TX

- Developed an API that mapped store location to site ID that was implemented in the storefront. This improved the efficiency of future API development for the Storefront by allowing the team to easily access sites and stores without hard coding the locations and IDs for every feature.
- Improved efficacy of Proof Storefront team by creating a setup guide for SonarQube Server, Scanner, and Jacoco for both MacOS and Windows systems. This allowed for quicker identifying of code smells as well as improving the longevity and security of code.
- Participated in continuous functions on the team such as Health Check Tickets. Tested the Cart Quote and Price Quote APIs for correct responses in various scenarios.
- Gained real team experience by shadowing all parts of the Proof Storefront team: QA/QE, Management, and Code Architecture teams. Attended and participated in Daily Standup Calls, Backlog meetings, and Sprint Estimations

Office Assistant, Boston University – Boston, MA   January 2023 – May 2026

- Worked 3 times a week at the front desk within the World Languages Department. Assisting with communications, helped staff with technical problems, greeted guests, and proctoring exams
- Maintained the department website via Wordpress and HTML and managed department data.

Projects

StudentSpender-Student Budgeting Site

- Created a website dedicated to helping students studying abroad budget for their time
- The site utilized OpenAI and ExchangeRate APIs to provide accurate information on currency exchange and provided a budget based on user inputs
- Users were able to log in and reset passwords if forgotten and user information is saved and stored securely
- Tools Used: Python, Flask, HTML, CSS, APIs, SQL, SQLite Studio, Git, Github

Technologies

Languages: Python, Java, HTML, CSS, JavaScript, React, Unix, SQL, GO, Pandas, Numpy, Terminal, Flask

Technologies: Git, Github, Terminal