Eric Nohara-LeClair

St. Charles MO | 636-317-9533 | ernohara@bu.edu | GitHub | LinkedIn | Portfolio Website

EDUCATION

Boston University **Boston, MA**

Bachelor of Computer Science | GPA: 3.89/4.0 | Dean's List *May 2026*

- **Relevant Coursework:** Data Structures and Algorithms, Computer Systems, Linear Algebra, Discrete Math, Probability in Computing, Fundamentals of Languages, Algorithm Analysis, Advanced System Programming

Mary Institute and St. Louis Country Day School (MICDS) **St. Louis, MO**

GPA: 3.8/4.0 | First Honors *May 2022*

WORK EXPERIENCE

Boston University **Boston, MA**

CS 237 Course Assistant *January 2024 – Present*

- Assisted in facilitating the Spring 2024 CS 237 Course (Probability in Computing).
- Addressed student inquiries, formulated problem set solutions, and diligently contributed to grading.

Kappa Theta Pi Professional Fraternity **Boston MA**

Website Coordinator and Committee Leader *September 2023 – Present*

- Lead team of frontend web developers to build and maintain Kappa Theta Pi official website utilizing HTML, CSS, JavaScript to create beautiful and efficient website design with all necessary information.

Nami Ramen **St. Louis, MO**

Cashier and Server *May 2022 – September 2022, May 2023 – September 2023*

- Provided exemplary customer service, attended to patrons, cleared tables, and fulfilled takeout orders.

PROJECTS

TripSync - Shared File Storage App (Website) (GitHub): ***July 2024 – August 2024***

- Implemented REST API backend using Node.js with Express, stored user data using MongoDB, integrated cloud storage with AWS (S3), handled authentication with JWT, and utilized Handlebars for server-side rendering.
- Supports registration, sign in, 2 factor auth, file storage and sharing with similar functionality to Google Drive.

Webserver Integrated Arduino Based Attendance Metric Tracker (GitHub)(Demo): *January 2024 – May 2024*

- Multithreaded webserver in C using socket interface. Handles HTTP requests, HTML error codes, CGI scripts.
- Arduino driven device using ultrasonic sensors that tracks the current attendance in a room and communicates with the webserver via serial communication to send data or receive configuration data from the client.
- Supports async data, real-time data plotting utilizing AJAX requests, and email sending via SMTP protocol.

Daily SMS Workout Sender (GitHub): *January 2024 – Present*

- Utilized Python code using pandas library and google sheets API to store workout data on google sheets.
- Created data fetching algorithm and SMS sending program to send workout data and image to my phone.
- Compatibility with windows task scheduler, allowing for automatic daily workout sending at a set time.

SKILLS

Languages: Python, JavaScript, C, Java, HTML/CSS, C++, x86 Assembly, OCaml, SQL, React.js

Developer Skills: Git, Linux, Bash Scripting, Docker, Object Oriented and Functional Programming, Multithreaded Applications, Node.js, Express, React, MongoDB, Templating Engines, AWS