

Joseph Lynch

Parsippany, NJ • jzlynch02@yahoo.com • (201) 744-6452

[LinkedIn](#) • [Portfolio](#) • [GitHub](#)

EDUCATION

Rutgers, The State University of New Jersey

Bachelor of Science in Computer Science

New Brunswick, NJ

Expected Graduation: May 2024

- Data Structures and Algorithms - Fall 2022 (Java, OOP)
- Computer Architecture - Spring 2023 (C, x86 Assembly, Linux)
- Principles of Information & Data Management – Fall 2023 (Python, Databases, MySQL)
- Software Methodology - Fall 2023 (Git, Java, JavaFX)
- Introduction to Artificial Intelligence - Spring 2024 (Python, AI/ML, Natural Language)
- Computer Security - Spring 2024 (C, Java, Socket Programming, Cryptography)

TECHNICAL SKILLS

- Knowledge of Java, C, Python, HTML, CSS, JavaScript, React, MySQL, Git/Bash, and Linux
- Object Oriented Programming
- Data Structures & Algorithms
- Visual Studio Code, Eclipse
- Willing to learn any programming language/framework

PROJECTS

Full-Stack Online Travel Reservation System (HTML, MySQL, Java, JSP, JDBC)

- Spearheaded a full-stack development of an online travel reservation system, employing HTML for front-end, MySQL for database management, and Java with JDBC for server-side operations.
- Focused on creating a user-friendly interface and robust back-end architecture, ensuring a seamless end-to-end user experience for flight searches and reservations.
- Collaborated in a two-person team, leveraging Git for effective version control and project coordination, demonstrating strong teamwork in a full-stack software development environment.

Weather App (React.js, JSX, CSS)

- Engineered an interactive web application using React, Axios, and CSS, providing real-time weather updates from the OpenWeatherMap API.
- Implemented a user-centric design with responsive CSS, ensuring a seamless experience across various devices and browsers.
- Focused on user interaction and accessibility, enabling users to search for and view weather conditions of different locations effectively, on several devices and browsers.

To-do List (HTML, CSS, JavaScript)

- Developed a user-friendly To-Do List web application using HTML, CSS, and JavaScript, hosted on GitHub Pages.
- Implemented core functionalities, enabling users to add, remove, and edit tasks, enhancing personal productivity and task management.