**Education Western New England University**, Springfield, MA August 2021 – May 2025

GPA: 3.833 **Degree:** BS in Computer Science, *summa cum laude*

**Relevant Courses:** Data Structures, Software Design, Software Development,

Programming Languages, Design & Analysis of Algorithms, Artificial Intelligence,

Design Database Management Systems, Parallel Computing.

**Skills Tech Skills:**

Java, Python, JavaScript, WordPress, HTML, CSS, HubSpot, Git, SQL, Docker, Microservices, JSON, Gitlab, Excel, Scrum, Agile, TDD

**How Others Describe Me:**

* Attentive to Detail
* Calculated and Analytical
* Collaborative
* Dependable and Organized
* Critical Thinker

**Work LLumin, Inc.**, Springfield, MA March 2025 – Present

**Experience** ***Junior Developer (Part-Time)***

* Designed and developed interactive web features such as an ROI calculator using JavaScript, HTML, and HubSpot forms, contributing to increased user engagement and product visibility.
* Created UI mockups in Figma, enhancing the effectiveness of collaboration with the product owner and aligning development with user needs.
* Enhanced the company’s WordPress site by optimizing HTML and CSS code for improved SEO page load performance and code maintainability, contributing to better site visibility and developer efficiency.
* Collaborated with other developers to document and explain legacy HTML and CSS code, improving team independence.
* Imported structured data into a test SQL database with Excel macros, gaining experience with data integration workflows and large-scale database systems.
* Developed foundational knowledge of the manufacturing and asset management industry, including how CMMS software supports key operational metrics.

**Western New England University**, Springfield, MA September 2021 – March 2025

***Student Advancement Assistant (Part-Time)***

* Handled personal information for students, alumni, and donors in a database called Ellucian, entering data from Excel spreadsheets and paper documents, as well as correcting data already present in the database, familiarizing me with professional office environments and database relations.

**Borawski Insurance**, Northampton, MA May 2021 – September 2024

***Office Clerk (Part-Time) – Employee Benefits Section***

* Performed essential office functions, assembled employee kits, and handled sensitive client/employee data in databases, familiarizing me with professional office environments and handling sensitive data.

**Projects ROI Calculator Project**

LLumin, Inc., 05/2025 – Present

* Leading the development of interactive ROI calculator tools to be embedded in the company’s WordPress site using HubSpot, JavaScript, and HTML.
* Communicating with the product owner to define feature requirements, user interface behavior, and core calculation logic, before translating into technical specifications.
* Enhanced skills in cross-functional communication, requirements gathering, and adapting to unfamiliar platforms such as HubSpot and WordPress.

***Senior Capstone Project – LibreFoodPantry (Bear Necessities Market)***

Western New England, 09/2024 – 12/2024

* Collaborated with an Agile Scrum team to make contributions to a FOSS (Free Open Source Software) project for the LibreFoodPantry community.
* Worked with a microservices architecture using an Open Restful API, gaining experience with event-driven architectures such as RabbitMQ.
* Implemented new features such as development containers and hot reloading with containerization techniques using Docker to increase developer efficiency.
* Worked with a CI/CD pipeline in GitLab, performed both automated and manual testing, and maintained detailed documentation, gaining experience with source control.
* Practiced Agile methodologies such as weekly sprint reviews, retrospectives, and peer feedback, similar to professional development environments.

***Junior CS-364 Database Design Project***

Western New England, 03/2024 – 04/2024

* Designed and implemented a relational database from scratch in SQL including conceptual, logical, and physical schemas, with stored procedures, functions, and views to enable data interaction and query optimization.
* Enhanced my understanding of data modeling, normalization, and entity-relationship design principles in practical implementations.

***Automated File Renaming Tool – Benefits Election Forms***

Borawski Insurance, 12/2023 – 01/2024

* Designed and implemented a Java application which automated the task of renaming 1,800+ employee benefit election forms, streamlining a task expected to be manual.
* Tool reduced labor time by over 50%, including the time to design and develop the tool, and received praise from stakeholders at Nonotuck for its impact on the efficiency of the task.

***Super Smash Bros. Ultimate File Duplicator Project***

Personal Project, 1/2024 – 2/2024

* Built a Python-based CLI tool which duplicates given files into specific directories for game modding purposes, compiled into an executable.
* Leveraged libraries such as os and subprocess to manage file system and CLI integration.
* Gained hands-on experience with version control, script deployment, and community-driven development, achieving 85+ downloads on GitHub and GameBanana.

**Awards** Dean’s List (Semester GPA > 3.5) Fall 2021 and 2022

President’s List (Semester GPA > 3.8) Spring 2022, 2023, 2024, and 2025, Fall 2023