Lennon Rozo

rozolennon4@gmail.com | 901 270 0750 | https://www.linkedin.com/in/lennon-rozo-bb9353288|
https://github.com/lennonrozo

EDUCATION

LeMoyne Owen College   Memphis, Tennessee
BS in Computer Science 4.0 GPA   08/2023 – 05/2027

EXPERIENCE

eBay Pathways Program   Remote
Software Engineering Intern Prep   05/2025 – 07/2025

- Completed rigorous technical readiness program, mastering 10+ **data structures and algorithms**, resulting in successful completion of 50+ coding challenges with 90% accuracy.
- Mentored by 10+ eBay engineers on e-commerce tech (chatbots, SEO), boosting technical interview performance by 35%.

LeMoyne Owen College   Memphis, Tennessee
Embedded Software Research Intern   02/2025 – 07/2025

- Led **Python**-based analysis of Al-doped CdO thin films, enhancing cancer detection biosensor accuracy by 90%
- Mastered 5+ systematic research techniques, enhancing experimental interpretation skills and contributing to 2 publications/presentations on Al-doped CdO thin films for biosensors.

PROJECTS

MentorMatch   08/2025 – Present

- Built a **full-stack** web app using **React**, **Tailwind CSS**, and **Django**, featuring **REST API**s to pair students with professionals based on shared hobbies and skills to facilitate organic networking.
- Utilized **MySQL relational database** to bridge the professional gap, allowing students to leverage extracurricular skills to secure mentorship from industry experts seeking hobby partners.

Focus-Flow   11/2025 – Present

- Built a **browser extension** for stroke recovery patients, implementing a **visual shift engine** and a **dynamic focus ruler** to assist users with **hemineglect** in navigating web content.
- Integrated **Gemini and WebLLM APIs** to simplify complex text into accessible reading levels for **aphasia** patients, using **Git/GitHub** for version control and secure **API key** management

Farm Weather Planner   03/2025 – 07/2025

- Developed a farm weather planner using **OpenWeatherMap APIs** to analyze monthly forecasts, enabling farmers to make **data-backed** decisions on crop selection and seasonal timing.
- Engineered a **yield calculator** that processes farm acreage and crop-specific spacing regulations to provide **accurate harvest projections** and optimize land utilization.

Algorithmic Problem-Solving Portfolio | CodePath Technical Interview Prep   05/2025 – 07/2025

- Solved and optimized 80+ algorithmic problems by leveraging data structures and advanced algorithms resulting in a 20% improvement in problem-solving speed.
- Optimized algorithm efficiency and refined technical communication skills through 10+ mock interviews, resulting in a 30% improvement in problem-solving articulation from Big O analysis.

SKILLS

Languages: Python, Java, JavaScript, MySQL

Technologies: Django, React.js, HTML, CSS, Git, GitHub, VS Code, REST APIs, OOP, LLM integration

Honors/Scholarships: Dean's List, W.E.B DuBois Honors Student, Board of Trustees Scholarship