Emmanuel Guzman

Laurel, MD

eguzmandls@gmail.com · 360.920.4106 · https://malgebra.github.io/

EDUCATION

Bachelor of Science in Computer Science (Software Engineering Track)   **May 2024**
Towson University – Towson, MD

Bachelor of Arts in Computer Science   **July 2022**
Howard Community College – Columbia, MD

WORK EXPERIENCE

The Language Project – Baltimore, MD   **January 2023 – August 2023**
Spanish Instructor
- Managed system administration by creating structured protocols and schedules to ensure the seamless operation of language learning platforms.
- Systematically documented and reported lesson events and student performance metrics.
- Provided individualized support, adjusting to each student's learning pace and offering personalized assistance to further enhance their educational experience.

Panda Programmer – Silver Spring, MD   **January 2022 – July 2022**
STEM Instructor
- Translated user requirements into project specifications.
- Established a strong rapport with students to better understand their technical needs and aspirations.
- Designed and developed educational software objectives and challenges using Java/J2EE, HTML, JavaScript and Visual Basic.

PROJECTS

Mutanalyzer
- Implemented Large Language Models (LLMS) to automate mutation testing, enhancing efficiency by streamlining the process and minimizing manual effort.

Nonnie's Pizza
- Redesigned the outdated Nonnie's Pizza website, crafting a modern, adaptable web application using Django and Bootstrap, ensuring seamless responsiveness and scalability.

SKILLS

Languages: Java, C/C++/Kotlin, Python, JavaScript, C#, SQL, TypeScript
Technologies: React, Git, REST, Angular, Node.js, Spring, Unity, MongoDB