Mick Enev

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EXPERIENCE

Programming Expert

OutlierAI   January 2024 – Present, Remote

· Optimized AI-generated responses, leveraging Python, JavaScript, and C++ to enhance efficiency and improve AI model accuracy.
· Reviewed and validated 100+ AI-generated programming responses, ensuring 90%+ accuracy in code solutions to enhance model performance.
· Conducted in-depth analysis of Large Language Model responses to programming-related prompts, identifying patterns to refine AI outputs.
· Debugged and refactored code using test-driven development, ensuring a 100% functional final product with improved reliability and performance.

Data Analyst

The American Energy Society   February 2023 – May 2023, Remote

· Conducted extensive research on global university energy programs, enhancing analytical skills in data collection and synthesis.
· Collected and analyzed data on 20+ global university energy programs, compiling insights into an Excel database to support decision-making.
· Collaborated with a cross-functional team of 12+ individuals to deliver data-driven insights.

Software Engineering Tutor

University of Illinois Urbana-Champaign   August 2022 – December 2022, Urbana, Il

· Mentored students in complex algorithmic problem-solving, resulting in a 30% increase in successful project completions and a stronger grasp of data structures and OOP principles.
· Led weekly office hours, assisting 30+ students with debugging and feature implementation for their semester projects.
· Provided guidance on building key features, including a dynamic restaurant recommendation system, user-customized favorites lists, and interactive map-based restaurant displays.

PROJECTS

AI Weather App

www.youtube.com/watch?v=pAGX15QEWSc · October 2024 – December 2024

· Developed an AI-powered Weather App using Java and Android Studio, integrating real-time weather APIs to provide accurate forecasts for 10,000+ U.S. cities, increasing user engagement by 40%.
· Engineered advanced data processing algorithms to enhance forecast accuracy and enable AI-driven responses to user queries with 95% precision, leveraging seamless API integration.
· Designed and implemented a custom caching system, reducing API call frequency by 30%, optimizing performance, and minimizing user data usage.
· Integrated Firebase for authentication and data storage, ensuring secure user management and efficient data retrieval while enhancing app scalability.

Database Dashboard

github.com/MickEnev/Mick_Marcos_411 · July 2024 – August 2024

· Engineered a comprehensive database dashboard in Python, integrating MySQL, MongoDB, and Neo4j to provide real-time data visualization and management, increasing data retrieval efficiency by 35%.
· Implemented multi-database querying, optimizing cross-database data retrieval and reducing query response time by 50%.
· Leveraged SQL views to simplify complex queries, further boosting data retrieval speed by 20-50%.

Tower Defense Game

drive.google.com/file/d/12nkk7TtX-BSvycx___5RHsbysaMhi97vE/view?pli=1 · January 2024 – May 2024

· Led a team of five in building a fully-functional tower defense game using Unreal Engine 5.
· Engineered advanced game mechanics and AI behavior using C++ in Unreal Engine 5, resulting in immersive gameplay with increasing difficulty.
· Organized group meetings and delegated responsibilities, ensuring timely project delivery.

EDUCATION

Master of Computer Science

University of Illinois Urbana-Champaign · May 2025

Bachelor of Arts in Economics

Minor in Computer Science · University of Illinois Urbana-Champaign · May 2024

SKILLS

Python, C++, C, Java, JavaScript, SQL, MongoDB, Neo4j, HTML, CSS, R

MySQL, PostgreSQL, Node.js, GitHub, Docker, NumPy, D3, Flask, Pandas, PyTorch, Dash, Tableau, Unreal Engine, Microsoft Office