Mick Enev

Plainfield, IL, USA mickenev@gmail.com (815) 416-8926 in/mickenev mickenev.com

EDUCATION

Master of Computer Science
University of Illinois Urbana-Champaign • Urbana, IL • 2025 • 4.0

Bachelor of Arts in Economics
Minor in Computer Science • University of Illinois Urbana-Champaign • Urbana, IL • 2024 • 3.62

SKILLS

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

React.js, MySQL, PostgreSQL, Node.js, GitHub, Docker, Flask, Tableau, Unreal Engine, Microsoft Office

PROJECTS

AI Weather App
www.youtube.com/watch?v=pAGXI50EWSc • 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 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/12nkK7tiXV-8SY8yc_SRXhsbyaMhI9YFp/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..

EXPERIENCE

Computer Science AI Trainer
Outlier AI **January 2024 - Present**
- Optimized AI-generated responses by refining algorithms and improving code in Python, JavaScript, and C++, enhancing efficiency and accuracy.
- Analyzed software requirements to identify key functionalities, constraints, and edge cases, ensuring efficient AI-generated code solutions.
- Reviewed and validated 100+ AI-generated programming solutions, identifying errors and inconsistencies to maintain 90%+ accuracy and improve AI-driven code generation.
- Debugged and refactored code using test-driven development, ensuring a 100% functional final product with improved reliability and performance..

Research Analyst Intern
The American Energy Society **February 2023 - May 2023**
- 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 spreadsheet 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**
- 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..