

Neo Maralit

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EDUCATION

New Jersey Institute of Technology (NJIT)

Bachelor of Computer Science

September 2022 to December 2024

Newark, New Jersey

EXPERIENCE

Fullstack Developer

FundNJ

September 2024 to Ongoing

Newark, NJ

- Engineered a cross-functional, end-to-end web application using Next.js and Django, integrated with MySQL, prioritizing user-centered design to deliver a seamless and dynamic user experience while ensuring robust backend performance.
- Designed scalable data architecture and optimized API endpoints for *MySQL* queries, reducing data fetch times by 30% and enabling high-performance user interaction.
- Implemented modular and reusable components with *Mantine UI*, adhering to best practices for maintainability, resulting in 25% faster development cycles for future feature updates.

Machine Learning and LLM Research Assistant

NJIT

May 2024 to December 2024

Newark, NJ

- Utilized machine learning models using TensorFlow, leveraging advanced mathematics to analyze 200+ economics headlines daily and extract the most relevant to key US indicators with 89% accuracy.
- Developed multi-staged filtering analyzing location/content to identify US-focused sources, reducing international articles 98% while maintaining a 50 article daily dataset, a 25% increase in relevant sources.
- Automated data extraction, cleaning, validation, and aggregation from 3 *API* sources, reducing manual processing 60% and ensuring >97% field completeness and <1% error rates.

Fullstack Developer

New Jersey Innovation Institute

September 2023 to December 2023

Newark, NJ

- Built full-stack health app with a front-end in React and a back-end in Django, *SQL*; integrated *CI/CD* pipelines, cutting dev-to-prod times 50%.
- Optimized *Linux* web server for scalability, supporting 25 concurrent users under load with <1s page loads.
- Piloted search and workout data features leveraging *Redis* and *Elastic Stack* technologies, with A/B testing showing estimated 15% increase in conversions and 20% higher engagement per user versus baseline.

SKILLS

Programming Languages: Python, C, C++, Java, Javascript, R, Julia, SQL, C#, PHP, Typescript, MATLAB, HTML, CSS, JSON, XML

Frameworks & Technologies: TensorFlow, Linux, UNIX, React, Next.js, Angular, Jest, MySQL Database, IntelliJ, VS Code, Git, Mantine, Bootstrap, MongoDB, PostgreSQL, Springboot, AWS, Data Science, Azure, Docker, Kubernetes, CI/CD, REST APIs, Apache, Firebase, UX/UI