GERRY MASAKA

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OBJECTIVE

Seeking to leverage my technical proficiency and problem-solving skills to contribute to the development of innovative software solutions. I strive to be part of a dynamic team, where I can continuously learn and grow, while actively collaborating to create cutting-edge applications that positively impact users and drive technological advancements.

EDUCATION

Bachelor of Science in Informatics and Computer Science, Strathmore University   July 2023
Relevant Coursework: Advanced Networking, Software Engineering, Machine Learning, Advanced Database Systems, Object Oriented Programming, Data Structures and Algorithms, System Analysis and Design, Web Application Development.
Honors: Second Class Upper

SKILLS

Technical Skills	Angular, Python, Vue, C++, JavaScript, CSS, HTML, PHP, SQL, Typescript, Firebase
Soft Skills	Teamwork, Communication, Problem Solving, Adaptability

EXPERIENCE

Software Engineer Intern   Feb 2023 - Apr 2023
Eclectics International   *Nairobi, Kenya*

- Worked as a full-stack developer with Angular to develop functional web applications.
- Designed and implemented a machine learning-based fraud detection system for transactions using Python, Docker, Flask and deployed on FastAPI. The system accurately detected fraudulent transactions and had an accuracy of 96

PROJECTS

SureFix. Developed a web application using PHP, HTML, MySQL and Bootstrap that connects people to qualified technicians who can install, repair, or perform maintenance on their IT equipment

Elitewear. Designed and implemented a web application for an online shoe purchase platform for a retail company. I utilized AngularJS resulting in a seamless and secure shopping experience for customers

Crypto. Developed a system that utilizes machine learning algorithms to analyze historical Bitcoin price data and make predictions about future price movements. It incorporates Python for data preprocessing, feature engineering, and model training. The system aims to provide users with insights and forecasts to aid in decision-making related to Bitcoin investments or trading strategies.

EXTRA-CURRICULAR ACTIVITIES

- Volunteered at a special needs school for children, assisting teachers in creating a positive and inclusive learning environment (Feb 2022 - Apr 2022)
- Actively participate in learning challenges to improve my skills in programming and software development, including Microsoft Learn, Coursera and Cisco.(Oct 2019 - Present)