

SAMUEL TORIMIRO

Software Developer

Charleston, Illinois State, USA

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EDUCATION

Master of Science, Computer Technology

Eastern Illinois University, USA

Aug. 2023 – Dec. 2024

EXPERIENCE

Software Developer

School of Extended Learning, Eastern Illinois University, IL, USA

Jan. 2024 – Date

- Revamped the user interface of the academic challenge web application accounting for responsive design using HTML, CSS, and Bootstrap. Expected to lead to a 50% increase in customer satisfaction among over 300 users.
- Reconstructed the MySQL database schema for the academic challenge web application by adding adequate foreign keys and meaningful relationships, leading to a 20% increase in the durability and scalability of the software.
- Enhanced the admin panel of the academic challenge web application by adding over 5 unique features, leading to a 40% increase in data capture and manipulation.
- Improved the backend architecture (using PHP) and database schema design of the academic challenge web application by adding specific database schema fields, potentially leading to a 2% increase in revenue by reducing poor data capture and associated wastage from the previous calendar year.

Founder & Software Engineer

Nesa Academy || <https://nesaacademy.com/>

Nov. 2020 – June 2021

- Engineered a dynamic question-and-answer platform using Python and the Django web framework, resulting in a 30% increase in the speed of shipping new features and bug fixes.
- Curated over 50 solved past questions for my college coursemates (150+ students) and uploaded them to Nesa Academy for them to use to prepare for their tests and exams.
- Utilized the Django REST framework by creating over 10 API URL endpoints communicating with the front end using JavaScript and AJAX.
- Hosted the web application initially on Heroku and managed seamless deployment using Docker.

Freelance Web Developer

May 2020 – Aug. 2023

- Developed multiple websites/web applications using various technologies including HTML, CSS, JavaScript, PHP, Django, and React.

SKILLS

- Python
- SQL
- Django and Django REST framework
- AWS, Docker, Git, and GitHub
- JavaScript
- React
- HTML, CSS, and Bootstrap5
- PHP

PROJECT

Calculate.This || <https://thisdotcalculate.netlify.app/>

- Collaborated with other software engineers to make a simple utility calculator website.