Arthur Uzoma

✉ uzomaartur@gmail.com ▯ +234 803 579 1288 ☁ zaratti.github.io

EDUCATION

Bachelor of Science in Computer science

University of the People • Pasadena, California • 2021 • 3.84

• Received Dean commendation letters for dedication and hard work in pursuing academic excellence.

EXPERIENCE

A.I/Machine Learning Engineer

Renaissance Innovation Labs   **September 2024 - Present, Port-Harcourt.**

• Developed and deployed a machine learning model, decoding handwriting scribbles to increase predictive accuracy by 35%, utilizing easyOCR library and Python, while collaborating with interdisciplinary teams to innovate solutions from ideation to business formation.[The repository located here: https://github.com/Zaratti/RenaissanceInnovationLabs_MachineLearning-Task1].

• Created an API accepting natural language queries, processes the queries using NLP models, generates SQL queries, runs on a connected database, and returns results in different formats, such as text, charts, or tables. Hosted as a demo app(https://nlqtosqlapp.streamlit.app/) on streamlit, enhancing processes to be downloaded and shared as CSV or JSON file for tech solutions.

• Created a career roadmap application that helps users identify and acquire skills needed for employment. The user inputs a desired career goal, and either or not, submits a resume(in docx/pdf format), the application A.I reads the skill and experience section of the resume, looking for transferable skills and experience relevant to the submitted career goal, generates a personalized study route, and quiz test of knowledge to ascertain the level of the user preparedness and fit for the submitted career goal/position.[The repository located here: https://github.com/Zaratti/CareerPath].

Software Development & Design Intern

PrimedSoft Limited   **January 2019 - July 2019, East-West road, PortHarcourt, Nigeria**

• Spearheaded a front-end development team by improving the development team's performance, from 20 bugs/month to 3 bugs/month, enabling the team to win the best development unit award.

• Created and deployed more than 20 responsive and mobile-friendly web pages using technologies such as HTML, CSS, JavaScript, and SQL for a web application.

• Responsive development lead of an online poll and vote management system - PrimedPoll, with the results of the simulation used to inform the campaign of potential election outcomes and voting trends(https://polledapp-9fa3c.firebaseapp.com/).

SKILLS

Languages: Python, Git, Vim, C, HTML, CSS & JavaScript, TypeScript, Expressjs, Nestjs, Nodejs.

Hard Skills: Information Theory, Machine Learning.

Tools: Jupyter Notebook, NumPy, Matplotlib, SciPy, SkLearn, Pandas, Cable crimping, Configuration & setup of Network environment.

Soft Skills: Presentation skills, Collaboration & Critical thinking.