Fedinard Nyanyo

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EDUCATION

Cornell University – Ithaca, New York, USA   January 2022-Present
Bachelor of Arts, Computer Science.
Relevant Coursework : Introduction to computing using Python, Calculus I & II, Object-Oriented programming and Data Structures, Discrete Structures, Functional Programming, Computer System and Organization.

PROFESSIONAL EXPERIENCE

Kehillah Global, *Remote*   May 2022- Aug 2022

Software Engineering Intern

- Created a program to extract data from the target website using a dynamic criteria for searching.
- Connected web scraping program to the Slack API to send web results on a schedule.
- Developed multiple web pages for a website using *JavaScript*, Django and Python.
- Developed a user authentication system to verify logins and user registration for a website.
- Created and maintained several database tables using Postgresql.
- Learned to collaborate with team members using Git repositories.
- Integrated a Stripe payment system to a website to process payments(donations) to non profit organizations.

Kehillah Global, *Remote*   May 2023- Aug 2023

Software Engineering Intern
- Developed a fully functional e-commerce website using django and react.
- Leveraged Django's backend capabilities to establish a robust database structure, enabling seamless addition of new products and efficient stock management.
- Utilized React's front-end framework to design and implement an engaging and user-friendly interface, enhancing the overall user experience.
- Employed RESTful APIs to facilitate smooth communication between the Django backend and the React frontend, ensuring real-time updates and data synchronization.

PROJECTS

Web Scraping
- Developed a program with Beautiful soup to extract live olympic medals during the 2022 olympics.
- Connected program to Microsoft excel to group the results according to country and sport.

Financial Tracker
- Developed a terminal-based financial tracker and task management tool in Ocaml.
- Used ansitTerminal library for dynamic visual cues, enhancing task prioritization.
- Introduced subscription tracking and budgeting, improving financial management.
- Provided comprehensive task capabilities for intuitive management.
- Employed advanced JSON database techniques to establish a scalable and organized data storage structure, proficiently managing account-related information and ensuring data integrity.

SKILLS AND INTERESTS

- **Programming languages**: Python, Java, Javascript, Django, React, Ocaml, HTML, CSS.
- **Languages:** English, Twi, Ga, Ewe, French(limited proficiency)

CAMPUS INVOLVEMENT
- **Underrepresented Minorities in Computing (URMC)**, *Member*, Cornell University,   January 2022- Present.
- **Taekwondo,** *Red belt*, Cornell University, Spring 2022