# VIVIAN NALIAKA

Junior Data Analyst | Website Developer

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GitHub: github.com/mukhongovivian-prog

## Professional Summary

Computer scientist with a strong foundation in data science, web development, and project management. Proficient in data analysis, event automation, and web scraping. Passionate about leveraging technology to drive meaningful insights and improve user experiences. Currently serving in leadership roles within the IT Ministry at the Christian Union and as an Events Coordinator for SCA Africa Chuka Chapter. Seeking opportunities to apply technical and analytical skills in dynamic environments.

## Technical Skills

- **Programming Languages:** Python, SQL, HTML, CSS, JavaScript

- **Frameworks:** Django, Bootstrap

- **Data Analysis:** Pandas, NumPy, Matplotlib, Excel

- **Web Development:** Web scraping, Database Management, REST APIs

- **Tools:** Git, Jupyter Notebook, Power BI

- **Certifications:** Data Analyst Training Program - CBC Visiola Foundation

## Professional Experience

### Virtual Assistant Trainee
ALX Program
2024

- Provide administrative and technical support as a virtual assistant.

- Engage in training focused on project management and automation to streamline workflows for clients.

## Leadership Experience

- **IT Ministry Leader** – Christian Union, Chuka University

- **Events Coordinator** – SCA Africa Chuka Chapter

## Projects

### Event Notification Application

- Aggregates trending events from Meetup and Eventbrite APIs, notifying users of local events.

- Developed using Django with an intuitive user interface.

### Top Blog Aggregator

- Designed and implemented a web scraper to pull and display top blog content.

- Automated database updates to keep content fresh, developed using Python and Flask.

**Automotive Services Website**

- Developed a one-page website showcasing automotive services with a modern, responsive interface.

- Used Bootstrap for design and JavaScript for interactive elements.

**Therapy Booking System**

- Developed a therapy booking system using Django, DRF, and PostgreSQL.

- Implemented features for therapist availability, patient bookings, and payment processing.

- GitHub: [github.com/mukhongovivian-prog/therapy-booking](github.com/mukhongovivian-prog/therapy-booking)

**EMAB Electricals Website**

- Created a business website for an electrical company offering installation and consultancy services.

- Integrated a booking system and review management feature.

- GitHub: [github.com/mukhongovivian-prog/emab-electricals](github.com/mukhongovivian-prog/emab-electricals)

**Car Hire System**

- Built a Django-based car hire system with a user-friendly interface for booking vehicles.

- Integrated authentication, vehicle availability tracking, and payment options.

- GitHub: [github.com/mukhongovivian-prog/car-hire](github.com/mukhongovivian-prog/car-hire)

# Education

**Bachelor of Science in Computer Science**
Chuka University

**Professional Development**

- Backend Development Bootcamp - CBC Visiola Foundation & Africa Agility

- Web Development Bootcamp - Emobilis Institution

- Virtual Assistant - ALX Virtual Assistant Program

**References**

**Mr. Eric Emobilis**
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Admin, Emobilis Institution