CHRISTIANE BACANI

Data Engineer Intern (with Analytics Focus)

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WORK EXPERIENCE

Open-Source Web Scraping Specialist
September 2024 - October 2024

Virtuals Protocol

- **Situation/Task:** Joined an open-source Virtual DAO initiative to enhance the quality and breadth of datasets in the Web3 ecosystem, focusing on influential Bitcoin, crypto, and blockchain personalities.
- **Action:** Designed and executed Python web scraping pipelines using Requests, Beautiful Soup, and Pandas to collect, clean, and structure complex data; utilized Git/GitHub for version control, collaboration, and contribution tracking. Applied data literacy to organize datasets and ensure alignment with project requirements and deadlines.
- **Result:** Contributed 52% of the group's high-quality dataset output, improving data accuracy, diversity, and reliability across the Virtual DAO ecosystem, enabling better insights for community-driven projects.

PROJECTS

Quest Based Web-System for Career Progression at Yoonet INC.
February 2025 - October 2025

Thesis System

- **Situation/Task:** Developed a thesis-based quest-driven career progression system for Yoonet Inc., owning ~85–90% of end-to-end development.
- **Action:** Built the application using PHP, MySQL, JavaScript, and CSS, designed an 8+ table relational database, and implemented a skills-tracker visualization showing users' top 5 earned skills aggregated from 50+ quest completions using Git/GitHub and VS Code Copilot for efficient development.
- **Result:** Delivered a fully functional, scalable web system enabling real-time skill tracking and clear career progression visibility.

EDUCATION

Bachelor of Science in Computer Science
September 2022 - Present

Bataan Peninsula State University - Main Campus

- Major in Software Development focusing on using Data Structures and Algorithms to solve problems

SKILLS

Languages	Python and SQL
Tools/Frameworks	Git, GitHub, GitHub Copilot, Pandas
Databases	PostgreSQL, MySQL, SQLite, Snowflake Data Warehouse
Other Skills	Database Design, Data Modeling, ETL Pipelining, Data Quality & Testing, Problem Solving, Debugging, Communication, and Collaboration.

CERTIFICATES

Python for Data Engineering Badge
Feb 2025

- Certified in Python-based ETL development, data pipeline automation, and cloud data storage that is a key for analytics-ready data preparation.