Morris John Montemayor

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studentmorrisjohn.com   github.com/studentmorrisjohn

Education

Polytechnic University of the Philippines

Bachelor of Science in Computer Engineering   September 2023

- Cum Laude
- DOST Scholar
- Quantum Computing Research: D-Wave Implementation of Quantum Annealing for Optimal Resource Allocation in Disaster Response Operation of Marikina City
- Presented Research at International Computer Science and Engineering Conference 2023

Technical Skills

- Pandas
- Web Development
- API Design and Implementation
- ETL
- Microcontrollers / Arduino
- Python
- Cloud Computing / AWS
- Java/C#
- Django / Django Rest Framework
- Database Design and Modelling
- SQL
- Web Scraping / Beautiful Soup
- Linux / Unix Scripting
- Docker
- Network Protocols

Professional Experience

Knowles Training Institute   Singapore (Work from Home)

IT Intern   Sept. 2022 – Nov. 2022

- Created learning materials for computer-related courses.
- Developed a website for profiles of kpop stars using data scraped from the internet.
- Built a personal tool for input automation used in creating topic outlines.

Projects

Maria Emergency Network

School Project   2023
- Created a web application that displays data incoming from multiple modules
- Built an Android app that sends data to an ESP32 web server
- Integrated LoRa and Cluster Duck Protocol to multiple ESP32 devices

Deficiency Portal

School Project   2022
- Developed a full-stack application using Django and React
- Designed and implemented a REST API using Django Rest Framework
- Designed the schema of the database used in the application

Certificates

• **Data Analysis with Python**	Freecodecamp	2021
• **Understanding Data Engineering**	Datacamp	2022
• **Streamlined Data Ingestion with Pandas**	Datacamp	2022
• **Writing Efficient Python Code**	Datacamp	2022
• **Database Design**	Datacamp	2023
• **Intermediate Importing Data in Python**	Datacamp	2023