Larry Miguel R. Cueva

larrymiguelcueva@gmail.com | (+63) 970 745 1021 | https://www.linkedin.com/in/michaelcueva | https://github.com/08Aristodemus24

SUMMARY

A Computer Science major, driven to learn more about Big Data & Data Science technologies. I am an analytical thinker, skilled in analyzing and visualizing data as well as developing predictive models for data analytics. The recent projects & internships I had allowed me to learn more about big data processes and I believe it would be beneficial for the junior roles in Data Science or Analytics I am currently seeking

EXPERIENCE

Virtuals Protocol **Dec 2024 – Jan 2025**

Data Engineer, Intern

- Cleaned and processed more than 500k rows of data for various retrieval augmented generated (RAG) AI agents.
- Developed and wrote scripts automating data ingestion processes of RAG AI agents and pulling raw datasets uploaded by users diverting main workflow to data transformation.

Creative Dynamix Solutions, Inc. **Sep 2022 – Oct 2022**

X++ Developer, Intern

- Utilized AnyDesk in tunneling through remote virtual machine for reporting tasks
- Developed and queried data to enhance sales reporting using PowerBI and X++

PROJECTS

eda-denoiser-stress-detector | *React.js, D3.js, Flask, Scikit-Learn, Tensorflow, Docker*

- Enhanced the accuracy and reliability of bio-signal denoising and stress detection by developing a novel hybrid LSTM-SVM deep learning model, addressing critical challenges in bio-signal data analysis. Link to research: https://aristodemus8-eda-denoiser-stress-detector.hf.space/
- Engineered and deployed a full-stack web application demonstrating the utility and potential of the validated LSTM-SVM model in real world health monitoring applications.
- Validated model performance of 90% AUC & 78% accuracy in biosignal denoising, providing a robust foundation and methodology for future bio-signal research and potential diagnostic tools.

project-alexander | *Svelte.js, Flask, Leonardo.AI, Manim*

- Designed and deployed a full-stack portfolio website to centralize and present data science projects for recruiters to evaluate, demonstrating technical skills and project execution across data analytics & machine learning. Link to portfolio: https://project-alexander.vercel.app/

chronic-disease-analyses | *SQL, PowerBI, Apache Spark, Airflow, Selenium, S3, DuckDB, Docker*

- Processed and transformed 20 years of comprehensive US public health data (from 2001-2021) using Spark, consolidating disparate datasets to quantify chronic disease cases and population figures. Link to project: https://chronic-disease-analyses.vercel.app/
- Conducted analysis of chronic disease data to identify most prevalent disease, allowing for potential in more targeted interventions and improving cost efficiency for less prevalent diseases

TECHNICAL SKILLS

Core Competencies: Machine Learning | Deep Learning | Exploratory Data Analysis & Visualization | Data Cleaning & Preprocessing | NLP | Signal Processing | Web Scraping | Statistics
Languages & Tools: Python | SQL | PowerBI | Git | Docker | Linux
Frameworks: Tensorflow | PyTorch | Scikit-Learn | Numpy | Pandas | Matplotlib | NLTK | Selenium

EDUCATION

Polytechnic University of the Philippines **Aug 2019 – Mar 2025**

Bachelor of Science in Computer Science

- 2.1 GPA