

# Larry Miguel R. Cueva

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

## TECHNICAL SKILLS

**Core Competencies:** Data Analysis | Data Visualization | Data Cleaning/Preprocessing | Data Modelling | Web Scraping | Data Warehouses | KPIs | Reporting  
**Languages & Tools:** Python | SQL | PowerBI | Excel | Git

## 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

## EDUCATION

**Polytechnic University of the Philippines** **Aug 2019 – Mar 2025**  
*Bachelor of Science in Computer Science*

- 1.9 GPA