

# Larry Miguel R. Cueva

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## TECHNICAL SKILLS

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**Languages & Tools:** Python | SQL | PowerBI | Excel | Git | Linux | S3

**Frameworks:** Pandas | Apache-Spark | Selenium | Numpy | Matplotlib

**Core Competencies:** Data Analysis & Visualization | Data Cleaning & Preprocessing | Web Scraping | Data Warehouses

## EXPERIENCE

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### Virtuals Protocol

Dec 2024 – Jan 2025

*Data Engineer, Intern*

- Cleaned, preprocessed, and ingested data for RAG AI agents.
- Developed and wrote shell scripts that automated data ingestion processes of RAG AI agents
- Led the automation process of pulling raw datasets uploaded by users for later data preprocessing and ingestion with other interns

### 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 reports using PowerBI and X++

## PROJECTS

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

- Trained a hybrid deep learning model (LSTM-SVM) to denoise (remove artifacts from) electrodermal activity signals and detect points of stress in the signals of an individual. Publication Link: <http://dx.doi.org/10.13140/RG.2.2.34355.95525>
- Developed a web app to using React and Flask to integrate the trained LSTM-SVM.
- Evaluated LSTM-SVM using multiple metrics such as ROC-AUC & Accuracy achieving 90% and 78% respectively

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

- Developed a portfolio website in Svelte and Flask compiling all my data science related projects. Link to portfolio: <https://project-alexander.vercel.app/>

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

- Extracted population data across 2001 to 2021 in each us state to find approximate number of cases per chronic disease indicator in the US, then transformed for easier aggregation using Spark
- Analyzed most common chronic disease indicators associated with alcohol use across all demographics in all US states

## EDUCATION

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**Polytechnic University of the Philippines**

Aug 2019 – Mar 2025

*Bachelor of Science in Computer Science*

- 2.1 GPA