

# Larry Miguel R. Cueva

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## 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, preprocessed, and ingested data for RAG AI agents.
- Developed and wrote shell scripts that automated data ingestion processes of RAG AI agents
- Led a small team of Data Engineer Interns to automate the process of pulling raw datasets uploaded by users for later data preprocessing and ingestion

### Creative Dynamix Solutions, Inc.

Sep 2022 - Oct 2022

*X++ Developer, Intern*

- Developed and queried data reports using PowerBI and X++

## PROJECTS

### 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
- 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/>

### LaRJ-Corpus | Selenium, BeautifulSoup, Pandas

- Curated an experimental dataset of Labor Related Jurisprudence Corpora of the Philippine Justice System for legal recommendation systems using OpenAI's GPT-3.5 API.
- Scraped additional Labor Related Rules and Regulations from Chan Robles web page using Selenium

## TECHNICAL SKILLS

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

**Frameworks:** Tensorflow | PyTorch | Scikit-Learn | Numpy | Pandas | Matplotlib | NLTK | Selenium

**Core Competencies:** Machine Learning | Deep Learning | Exploratory Data Analysis & Visualization | Data Cleaning & Preprocessing | NLP | Signal Processing | Web Scraping | Statistics

## EDUCATION

### Polytechnic University of the Philippines

Aug 2019 - Mar 2025

*Bachelor of Science in Computer Science*

- 2.1 GPA