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
Customer Support Engineer, Intern

- Troubleshot automatic HTTP request of agent to X/twitter API endpoints problem cases faced by clients building RAG Agents
- Developed and authored guides for clients/builders how to create their own custom functionalities for their respective agent i.e. automatic image generation using OPEN AI API, posting tweets on X using X API, etc.

Data Engineer, Intern   Dec 2024 – Dec 2024

- 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 Engineers 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 X++

PROJECTS

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

- Trained a hybrid deep learning model (LSTM-SVM) to denoise (remove artifacts from) electrodermal activity signals 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 to denoise electrodermal signals and detect stress

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

- Developed a portfolio website in Svelte and Flask compiling all my machine learning and deep learning 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

hate-speech-classifier | *Tensorflow, Numpy, Matplotlib, Pandas, ScikitLearn*

- Implemented Softmax Regression and Bidirectional LSTM algorithms in Tensorflow to detect online hate speech & rhetoric in the internet using the Reddit & Twitter hate speech datasets.

TECHNICAL SKILLS

Languages & Tools: Python | JavaScript | C++ | SQL | PostgreSQL | Git | Linux
Data Frameworks: Tensorflow | Keras | Scikit-Learn | Numpy | Pandas | Matplotlib | NLTK | Selenium
Web Frameworks: Flask | React | Svelte | Django
Core Competencies: Machine Learning | Deep Learning | Data Cleaning & Preprocessing | Data Analysis & Visualization | Natural Language Processing | Data Collection | Data Structures & Algorithms | Client & Server-Side Web Dev

EDUCATION

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

- 2.1 GPA