Larry Miguel R. Cueva

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TECHNICAL SKILLS

Languages & Tools: Python | SQL | PowerBI | Excel | Git | Docker | Linux
Data & Web Frameworks: Tensorflow | PyTorch | Scikit-Learn | Numpy | Pandas | Matplotlib | NLTK | Selenium | Flask | React | Svelte | Django
Core Competencies: Data Cleaning & Preprocessing | Exploratory Data Analysis & Visualization | Natural Language Processing | Signal Processing | Data Collection | Machine Learning | Deep Learning | Data Structures & Algorithms | Front End & Back End Web Development

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 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 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.

EDUCATION

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

- 2.1 GPA