

Larry Miguel R. Cueva

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TECHNICAL SKILLS

Languages & Tools: Python | JavaScript | C++ | Git | Docker | Linux

Frameworks: Pandas | Selenium | BeautifulSoup | Flask | React.js

Core Competencies: Command Line | Web Scraping | Automation | Frontend | Backend

EXPERIENCE

Virtuals Protocol

Dec 2024 – Jan 2025

Support Engineer, Intern

- Troubleshoot request tickets of users RAG agents for automated HTTP requests of agent to X/twitter API endpoints
- Developed guides for users to create custom functionalities for their agent i.e. automatic image generation using OPEN AI API, posting tweets on X using X API.

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/>

EDUCATION

Polytechnic University of the Philippines

Aug 2019 – Mar 2025

Bachelor of Science in Computer Science

- 2.1 GPA