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Education

UNIVERSITY OF PERPETUAL HELP SYSTEM LAGUNA   Binan, Laguna
- Bachelor of Science in Computer Science, with Specialization in Data Science (3rd Year)
- GWA (as of 3rd Year – 1 Semester): 1.37 (Dean's Lister)   Expected Graduation: 2027

Experience

Excelerate   Remote
(International)
AI-Powered Data Analyst Intern   January 2025 - February 2025
- **Executed end-to-end Churn Analysis and EDA** on **10,000+ records** using **Python and Pandas**, performing feature engineering and data cleaning to transform raw data into actionable retention insights.
- **Collaborated within a global, remote team** across multiple time zones to align technical outputs with international objectives, delivering data-backed reports to diverse, non-technical stakeholders.

Projects

Interactive Football Analytics Dashboard – Personal Project | Power BI, DAX, Data Modeling
- **Engineered an end-to-end Power BI dashboard** for **18,000+ players**, utilizing **DAX** to calculate dynamic KPIs like market value trends and wage-to-performance correlations across **50+ player attributes**.
- **Designed multi-page interactive visualizations** and scouting profiles to derive **actionable insights**, facilitating data-driven decision-making for recruitment and squad management.

Custom K-Means Clustering Implementation – Personal Project | Python, NumPy, Pandas
- **Architected a K-Means clustering algorithm from scratch** using **NumPy/Pandas** for high-performance matrix operations, demonstrating deep mastery of unsupervised learning logic and iterative optimization.
- **Validated algorithmic accuracy** by benchmarking results against **Scikit-Learn** and utilizing **Matplotlib** to visualize cluster convergence and centroid stability.

Posture Detection Application (Desktop Application) – Group Project | Python, OpenCV, MediaPipe
- **Collaborated in a team** to build a real-time computer vision system using **MediaPipe Pose**, **owning the calibration logic** and threshold-based decision components for personalized, low-latency posture detection.
- **Integrated visual and auditory feedback loops** using **OpenCV**, delivering a responsive "Model-based Reflex Agent" to provide immediate ergonomic health alerts via webcam.

Certifications
- **Data Scientist Associate** (DataCamp, 2025)
- **Microsoft Power BI** (Data Analytics Philippines, Dec 2024)

Technical Skills

Languages & Technologies: Python; Pandas; NumPy; Scikit-Learn; Power BI; DAX; Matplotlib; OpenCV; MediaPipe Pose; Data Cleaning; Data Aggregation; Exploratory Data Analysis (EDA); Feature Engineering; Clustering (K-Means); Model Evaluation (Precision/Recall); Dashboard Design; Interactive Visualizations; Data Storytelling.

Leadership & Involvement

AWS Learning Club UPHSL   Binan, Laguna
Marketing Director / Community Manager   August 2025 - Present
- **Spearheaded branding and outreach initiatives** that increased club visibility by **20%**, driving membership growth through targeted campaigns for Cloud Computing and Data Science workshops.
- **Optimized campaign performance** by leveraging data analytics to track engagement metrics, strengthening strategic partnerships with faculty and the **AWS Student** community.

Computer Studies Student Council   Binan, Laguna
Member / Logistics Committee   October 2024 - April 2025
- **Streamlined operations for major technical conferences** (TechXplore 2024, TechCon 2025), managing equipment procurement and venue scheduling for **100+ attendees**.
- **Facilitated cross-team coordination** during **University Foundation Week** and **CCS Days**, managing resource

allocation and on-site troubleshooting for high-traffic technical and social activities.