VELU MURUGAN

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Profile

Aspiring data professional with a BS in Biology and a strong interest in Python, statistics, and data analysis. Certified in Google Analytics, Tableau, and Deloitte Data Analytics. Developed Python scripts to automate reports that reduced manual work by 40% and created basic dashboards to present findings. Eager to grow in a programming or data-focused role.

Experience

Marantha Christian Academy   Cabuyao, Laguna
Junior and Senior High School Teacher   July 2024 – April 2025
- Taught Mathematics and Science to 100+ students across Grades 4–7, adapting curriculum to diverse learning styles.
- Designed 15+ interactive lesson plans monthly, incorporating technology to boost engagement by 25%.
- Assessed student performance through 200+ graded assignments, identifying and addressing knowledge gaps.
- Mentored 30+ students in academic/personal development, resulting in a 20% improvement in average test scores.
- Organized 5+ school events (e.g., Junior-Senior Prom), coordinating logistics for 150+ attendees.

Ago General Hospital   Legazpi City, Albay
Laboratory Intern   Oct 2023 – Dec 2023
- Processed 100+ biological samples weekly, maintaining 99% accuracy in documentation.
- Assisted in 50+ diagnostic tests, following strict safety protocols for handling hazardous materials.
- Supported quality control procedures, reducing equipment calibration errors by 15%.
- Collaborated with 10+ lab technicians to streamline sample analysis workflows.

Skills & Interests

- **Technical:** Python (Pandas, NumPy, Django basics), Excel, Tableau, Google Studio
- **Language:** English (fluent), Filipino (conversational), Tamil (native)
- **Laboratory:** Data Recording & Analysis, Statistical Modeling, Microscopy, Statistical Analysis
- **Interests:** Data storytelling, health tech, solving logic puzzles, learning new tools, tech channels, badminton

Education

Ago Medical Educational Center   Legazpi City, Albay, Bicol
Bachelor of Science in Biology. GPA: 1.75/5.0   Oct 2021 – Aug 2024

Licenses and Certifications

Deloitte Data Analytics Job Simulation - Forage   May 2025
- Completed a Deloitte job simulation that involved data analysis and forensic technology.
- Created a data dashboard using Tableau and utilized Excel to classify data and draw business conclusions.

Google Analytics Certification - Skillshop   May 2025 – May 2026
- Completed official Google Analytics training and certification assessment
- Gained hands-on experience with Google Analytics 4 (GA4) and Universal Analytics and analyzed website traffic data, user behavior, and marketing performance metrics

Prompt Design in Vertex AI Skill Badge - Google   May 2025
- Completed hands-on lab focused on designing and optimizing prompts for generative AI models using Vertex AI
- Gained experience using Vertex AI Studio for prototyping and evaluating LLM-based applications
- Implemented and tested prompt templates for text generation tasks in real-world scenarios