

CHRISTIAN D. DIGMAN

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SUMMARY

Computer Engineering graduate with hands-on experience in data management, full-stack development, and IoT systems. Built real-world applications including an E-Commerce platform and IoT-based monitoring systems using Excel, MySQL, PHP, JavaScript, Flutter, and ESP32. Possesses foundational knowledge in data analysis, reporting, and database management. Seeking an entry-level Data Analyst role to apply analytical and technical skills in a data-driven environment.

TECHNICAL SKILLS

- Data Analytics: Excel, SQL/MySQL, Data Cleaning, Data Reporting, Pivot Tables, Data Visualization
- Programming/ Markup Language: PHP, JavaScript, HTML/CSS, C++, Python
- Mobile Development: FLutter (Dart)
- Embedded / IoT: Arduino, ESP32
- Tools: Git / Github, Microsoft Office

EXPERIENCE

Multimedia Intern - Information Communication Department May 2025 - July 2025
Holy Cross College Pampanga

- Developed and implemented a student ID registration system, improving accuracy and efficiency in student data management.
- Provided technical support by troubleshooting hardware and software issues.
- Assisted in managing digital assets and multimedia content for internal use.

PROJECTS

IoT-Based Health Monitoring System February 2026

Holy Cross College of Pampanga - Design Project

- Developed a full-stack IoT health monitoring system with ESP32 sensors, Flutter app, and PHP/MySQL backend, supporting real-time data collection, offline storage, and patient management.
- Implemented secure authentication, ESP32 connectivity monitoring, and data sync with Hive storage, enhancing accessibility and reliability for community healthcare monitoring.

Luxury Shoppers – E-Commerce Website Client Project January 2026

- Developed and deployed a full-stack e-commerce website using PHP, MySQL, HTML, CSS, and JavaScript, featuring product catalog, and contact/inquiry forms for a live luxury fashion business.
- Built an admin dashboard with real-time inventory management and barcode-based Scan-to-Sell functionality, streamlining product tracking and sales operations for the client.

Embedded System Smart Water Gathering System December 2025

Holy Cross College of Pampanga - Community Extension Project

- Designed and deployed an Arduino-based automated irrigation system with soil moisture and float sensors, relay-controlled pumps, and safety mechanisms, improving water efficiency and reliability for community gardens.
- Implemented an I2C LCD interface with real-time monitoring, sensor averaging, and stability checks, enabling intuitive system management for users.

CERTIFICATIONS

- Codechum C++ Programming 1 & 2 - Nov 2024
- BOSH Safety Officer 1 (SO1) - October 2025
- Six Sigma White Belt & Yellow Belt - January 2026
- Microsoft Excel Pro Certification - April 2026

ACHIEVEMENTS

- 1st Place - C++ Programming, March 2022
- 1st Place - Robotics Competition (MRSP), July 2025
- Best in Design Project - May 2026

EDUCATION

Bachelor of Science in Computer Engineering May 2026
Holy Cross College Pampanga