

MARTIN A. NEVALGA

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SKILLS

SOFT SKILLS

Can work with a team | Communicating effectively | Managing time and setting priorities | Being flexible with new tools and technology | Being open to criticism and willing to learn | Solving problems

HARD SKILLS

Python | C# | C++ | Arduino | PHP | XAMPP | MySQL | Firebase | IoT | HTML | CSS
Familiar with Windows | Basic Networking | Basic understanding of Cloud Platforms
Basic Troubleshooting

ACADEMIC PROJECTS

GIS-BASED FLOOD MANAGEMENT SYSTEM USING REMOTE SENSING. (CAPSTONE 2024 - 2025)

Function: A GIS-based system that uses remote sensing to monitor, detect, and manage flood risks in real time, with an SOS feature for users to send their location to responders.

Software: Flutter Web and mobile app

Hardware: ESP32

Sensor: TFmini LIDAR Sensor

RIVER MONITORING SYSTEM FOR FLOOD PREVENTION AND READINESS USING MOBILE APPLICATION AND IOT. (FINALS PROJECT 2023)

Function: Send out real-time alerts and keep an eye on river water levels to avert flooding.

Software: Visual Studio 2022 and mobile app (Xamarin)

Hardware: Wemos D1 R1

Sensor: Water Level Sensor

EDUCATION

SENIOR HIGH SCHOOL

Accountancy, Business, and Management (2018-2020)

COLLEGE

Bachelor of Science in Information Technology (4th year Student)

- Dean's Lister (3rd year – 3rd term)

CERTIFICATIONS

- CompTIA IT Fundamentals+ (ITF+) Certification (July 2024)
- AWS Academy Graduate - AWS Academy Cloud Foundations (November 2023)
- Google Cloud Essentials (September 2023)
- CCNA: Introduction to Networks (November 2022)