Mark Denzel J. Permison

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EDUCATION

University of Perpetual Help System DALTA – Molino   Bacoor. Cavite
Bachelor of Science in Computer Science   Expected May 2026
> Specialization: Data Science
> Relevant Coursework: Data Structures and Algorithms, Database Systems, Software Development, Web Development, Machine Learning, Data Mining, Python Programming

UNIVERSITY PROJECTS

TORTOL – IoT Flood Monitoring & Early Warning System   Nov 2025
- Designed and developed an IoT-based flood monitoring and early warning system with wireless sensors to track flood water levels, transmit real-time data to a cloud dashboard, predict flood risks, send automated alerts, and store historical data for long-term analysis.
- Technologies: React.js, Python

SmartBites – AI-Powered Healthy Meal App   Apr 2025
- Designed and developed an AI-powered mobile app that provides personalized healthy meal plans and recipe suggestions using image recognition and chat-based interaction.
- Technologies: React.js, Python, MySQL

Certifications

Introduction to Cybersecurity, Cisco   Nov 2024
- Gained foundational knowledge of cybersecurity, including threat detection, defense, and the impact of cyber threats on industries

IT Specialist – Python, Certiport, a Pearson VUE business   Dec 2024
- Demonstrates ability to write, debug, and apply Python code to solve problems logically

CompTIA Cloud Essentials+, CompTIA   Jan 2023
- Gained knowledge of cloud technologies, deployment models, and business impact analysis

Technical Skills

Programming & Web: Python, PHP, SQL, HTML, CSS, JavaScript, React.js
Database & Data Science: MySQL, Data Analysis
Tools & Platforms: Git, Cloud Platforms, IoT basics, VS Code