

Raylly Almendras

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EDUCATION

Cavite State University - Imus

Expected: 2027

Bachelor of Science in Computer Science

- Relevant Coursework: Information Assurance and Security, Software Engineering Principles, Data Structures and Algorithms (C++),
- Web Development, Networking (CISCO Packet)

EXPERIENCE

Darkgate Tech Solutions

2026 – Present

Web Engineer
Eureka, CA

- Customize WordPress themes or hand-code using HTML, CSS, and basic JavaScript as needed
- Design, build, and launch modern, mobile-friendly websites based on client needs
- Optimize website layout and structure for SEO, page speed, and accessibility
- Ensure all websites are secure (SSL, basic security plugins, file permissions, etc.)

PROJECTS

CLSU Vulnerability Assessment

Technologies: Nmap, Kali Linux, Nikto, Wireshark

- Conducted vulnerability reconnaissance and penetration testing on the CLSU website to identify potential security flaws.
- Utilized network security and packet analysis tools, including Nmap and Wireshark, to perform comprehensive network scanning and traffic inspection.
- Documented system vulnerabilities and architectural weaknesses to support proactive security patching and improve web infrastructure resilience.

CvSU Blockchain System

Technologies: Solidity, Ethereum, Web3, PHP

- Engineered a functional blockchain platform to securely manage and process data for student organizations.
- Deployed decentralized smart contracts utilizing Solidity to ensure transparent and immutable record-keeping.
- Integrated MetaMask to facilitate secure user authentication and seamless transaction processing within the decentralized application.

MCTI Lost & Found System

Technologies: PHP, MySQL, PHPMailer, Firebase

- Developed a cross-platform lost and found management system with robust PHP Backend.
- Implemented real-time data synchronization utilizing Firebase, ensuring instant updates and notifications across all active platforms.
- Designed a secure and efficient MySQL database structure to track items and user interactions, streamlining the recovery process.

Flood Alert App

Technologies: PHP, Firebase, JavaScript, AndroidStudio

- Created a mobile application utilizing to provide users with critical environmental updates and real-time emergency alerts.
- Designed an intuitive user interface to maximize accessibility and ensure prompt user response during critical weather events.

CERTIFICATIONS

CISCO: Ethical Hacker | Network Defense | Endpoint Security | Python Essentials

Security Blue Team: Network Analysis | Vulnerability Management | Introduction to Powershell

TECHNICAL SKILLS

Programming Languages: PHP, JavaScript, C++, Solidity, Python, HTML, CSS, SQL

Frameworks and Tools: Kali Linux, Nmap, Wireshark, Nikto, Android Studio, Firebase, WordPress, Ethereum, Web3, MetaMask, MySQL, PHPMailer