Clifford Rodriguez

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Technical Skills

Languages: Java, Python, C/C++, SQL, React, JavaScript, HTML/CSS Frameworks and Libraries: Node.js, JUnit, Next.js, Yarn, Vercel Developer Tools: Git, AWS, VS Code, PyCharm, IntelliJ, WireShark, VirtualBox, FlareVM, RemNux, Docker **OS** : MacOS, Windows, Linux(Kali, Ubuntu) **Office Tools** : Excel, PPT, Project, Word, Drive, Docs, Sheets

Education

California State University, Monterey Bay

Bachelor of Science in Computer Science, Concentration in Networks and Security

Reedley College

Associate's in Computer Science

Experience

Undergraduate Research Assistant

CSU Monterey Bay

- Developing a full-stack web application to showcase the work done in the 3+ research projects.
- Using Node.js, Next.js, and Yarn for full-stack development.

Network Security Team, Secretary

CSU Monterey Bay

- Creating a weekly newsletter to get more students involved in cybersecurity and computer science.
- Take notes on meeting plans, current and upcoming

Projects

Malware Analysis Sandbox | VirtualBox, FlareVM, RemNux

• Developed a Malware Analysis Sandbox using VirtualBox, Windows 10 VM, and REMnux to detect and analyze malware in a controlled environment. Implemented automated behavioral analysis, static and dynamic inspection, and integrated tools for network monitoring, process analysis, and detailed threat reporting.

My Portfolio Website, www.cliffordrodriguez.com | Node.js, Next.js, Yarn, Vercel

• Built with Next. is for optimized performance, leveraging server-side rendering and static site generation. Backend powered by Node is for API handling, with Yarn managing dependencies and scripts efficiently.

Farm-Ng, Software Engineer | Python, TailScale

- Participated in a competitive project to build an Amiga robot capable of detecting and measuring artichoke sizes using the Farm-ng Amiga robot platform.
- Coordinating with a team of 5 computer programmers to ensure efficient development of code and integration with the Farm-Ng's API

Engineering technician – Good Year Blimp, Team Member | CAD, 3D printing, FabricationAug 2021 – May 2022

- Developed a small-scale model of a Goodyear blimp as part of a class project, designed to collect atmospheric data when launched with a balloon.
- Contributed to design, CAD modeling, and assembly of the model for data collection.

Aug 2024 - December 2024

Jan 2025 – Present Marina, CA

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Marina, CA Aug. 2024 - May 2026

Reedley, CA Aug. 2022 - May 2024