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
OS : MacOS, Windows, Linux(Kali, Ubuntu)
Office Tools : Excel, PPT, Project, Word, Drive, Docs, Sheets

EDUCATION

California State University, Monterey Bay   Marina, CA
Bachelor of Science in Computer Science, Concentration in Networks and Security   *Aug. 2024 – May 2026*

Reedley College   Reedley, CA
Associate's in Computer Science   *Aug. 2022 – May 2024*

EXPERIENCE

Undergraduate Research Assistant   Jan 2025 – Present
CSU Monterey Bay   *Marina, CA*

- 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   Jan 2025 – Present
CSU Monterey Bay   *Marina, CA*

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

PROJECTS

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

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

Farm-Ng, Software Engineer | *Python, TailScale*   Aug 2024 - December 2024

- 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, Fabrication* Aug 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.