**ENRIQUE RODRIGUEZ**

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EDUCATION

**San Diego State University**  Projected Transfer Spring 2024

Bachelor of Science in Computer Engineering (Projected graduation May 2025)

**San Diego Miramar College** 09/2021 – 12/2023

Associate Degree in Computer Engineering  *GPA:* 3.97

*Dean’s List: Spring 2022, Fall 2022, Spring 2023*

TECHNICAL SKILLS

**Concepts:** Data Structures, OOPS Concept, Algorithms, Computer Architecture, Object-Oriented Programming, Problem Solving, REST API

**Languages/Database:** MIPS Assembly, C, C++, HTML, JavaScript, MongoDB

**Libraries/Frameworks/Runtime Environments:** ExpressJS, ReactJS, NodeJS

**Developer Tools:** Git, VS Code, Visual Studio

PROJECTS/OPEN-SOURCE

**Pet Tracker Web Application** – MongoDB, Express, React, Node 07/2023 – 10/2023

* Implemented user authentication, authorization, and geolocation services, ensuring secure access, and facilitating location sharing for lost pets.
* Utilized QR code technology for quick access to pet information; integrated real-time notifications for lost pet alerts.
* Designed a user-friendly interface for profile creation and management, incorporating pet details and

pictures hosted on a cloud service for enhanced engagement.

PROFESSIONAL EXPERIENCE

**Logistics Support Analyst** – Oceaneering International, Inc. (OII) 08/2021 – 03/2022

* Collaborated with engineering, maintenance, and operations teams to procure necessary products and services.
* Managed parts and material data entry in custom databases, ensuring accurate specifications and inventory information.
* Researched and sourced products tailored to company requirements.
* Maintained detailed records of part and vendor data for traceability, facilitating change requests and obsolescence tracking.

**Naval Aviation Work Center Supervisor** – United States Marine Corps (USMC) 05/2018 – 10/2021

* Led 5 junior employees through daily activities resulting in adequate work completion and job efficiency; conduct biannual performance reviews of all employees.
* Managed administration, supervision, and required clerical work to include employee schedule creation, daily operations, and training; assigned tasks and staff projects to personnel and tracked progress.
* Meticulously managed procurement, receipt, and issue of all repair parts and related supplies.
* Implemented process improvements that optimized inventory management, leading to a 10% reduction in material waste and enhanced cost-effectiveness.

**Asset Manager** – United States Marine Corps (USMC) Various Locations 10/2017 – 10/2021

* Coordinated repair of 80 assets, saving $250,000.
* Disposed 410 irreparable assets, replacing 397, reducing waste and ensuring project completion.
* Led logistics for transporting 1000+ assets worth $6M from San Diego to Kuwait, ensuring uninterrupted aviation operations.