

Taylor Erickson

Software Developer

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(320) 808-3253

San Diego, CA

Computer science student with hands-on experience in Java, C#, and HTML/CSS, complemented by five years of aircraft maintenance/flight experience that reinforces structured problem-solving, reliability, and clear technical communication.

PROJECTS

Records Keeper for Military Aviation Training - Collaboration with Georgia Tech Research Institute

- Gathered and analyzed user requirements to translate operational needs into actionable technical specifications.
- Optimized key webpage components based on user feedback regarding usability issues.
- Utilized Npgsql to talk with our PostgreSQL database, by calling custom SQL functions that I made in the database.

Card Game Simulator - Group Project

- Developed a turn-based card game simulator modeling decks, hands, players, and game state
- Applied object-oriented design principles to manage game logic, state transitions, and rule enforcement
- Implemented shuffling, dealing, and win-condition evaluation with careful edge-case handling.

WORK EXPERIENCE

San Diego Community College District - Miramar - Project Analyst

2023 - current

San Diego, CA

- Managed 600+ student profiles and VA certifications.
- Regularly communicated with 50+ students daily via email and phone.
- Resolved 100+ service tickets weekly in Jira, improving student assistance.

United States Marine Corps - MV-22 Crew Chief

2017 - 2023

San Diego, CA

- Performed 1000+ aircraft flight hours, executing in-flight duties such as cockpit management and handling of in-flight equipment.
- Managed a maintenance shop consisting of 20+ maintainers.
- Annually achieved compliance with Naval Aviation Maintenance Program through routine inspections and documentation.

EDUCATION

University of San Diego - Bachelors of Science, Computer Science

2024 - current, 3.2

San Diego

Relevant courses

- Object Oriented Programming
- Algorithms
- Machine Learning
- Web Development

SKILLS

- Java
- C#
- Git
- HTML/CSS
- JavaScript