

Samuel Diaz

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TECHNICAL SKILLS

Programming: Python, Java, SQL, JavaScript, C++, R, Bash, HTML, CSS, C#

Development: AI/ML, APIs, Agile, Docker, Git, GitLab, .NET, Jira, Confluence, React, VS Code, Jenkins CI/CD, SDLC

Data Science: Excel, Matplotlib, MySQL Workbench, Pandas, RStudio, Numpy, PyTorch, Scikit-learn

Cloud & Platforms: AWS, Google Cloud, macOS, RHEL 8, Ubuntu, Windows

Systems Engineering: Systems Architecture, Network and Data Flow Diagrams, Requirements Analysis, Configuration Management, System Integration Laboratory (SIL), Technical Writing

Cybersecurity: RMF, ATO, NIST SP 800-53, NIST SP 800-171, CMMC Level 2, DoD STIGs, SSPs, Governance

WORK EXPERIENCE

Programs Management Analytics & Technologies (PMAT) San Diego, CA (Hybrid)

Information Systems Security Officer (ISSO) Mar 2026 – Present

Enterprise Cybersecurity

- Supported organizational CMMC Level 2 compliance efforts across multiple departments.
- Developed 5 network and data flow diagrams documenting system relationships, boundaries, and data flows.
- Revised 14 organizational cybersecurity policies to align with NIST SP 800-171 and strengthen governance.
- Reviewed the System Security Plan (SSP) to identify discrepancies with organizational cybersecurity policies.
- Participated in a five day long third-party mock assessment to support organizational compliance readiness.

Ship Self Defense System (SSDS) Program

- Supported RMF implementation and continuous monitoring across the Ship Self Defense System (SSDS).
- Conducted 300+ security control assessments across multiple review cycles to ensure DoD compliance.
- Identified, documented, and coordinated remediation of 20+ critical deficiencies to maintain security posture.
- Utilized STIG Viewer, Nessus, and log management tools to identify and validate security findings.
- Revised and maintained 20+ policies and procedures supporting NIST SP 800-53 compliance.

Software Engineer

May 2023 – Mar 2026

Ship Self Defense System (SSDS) Program

- Maintained and enhanced combat system software for the Navy's Ship Self Defense System (SSDS) program.
- Collaborated with a development team to support software testing, debugging, and system integration.
- Investigated, documented, and resolved 20+ complex software defects through analysis of trouble reports.
- Integrated 30+ code merges across multiple software baselines to support software releases.
- Participated in weekly Agile meetings to support sprint planning, progress tracking, and issue resolution.

EDUCATION

MS, Information Systems – San Diego State University (Expected) 2026

Graduate Certificate in Data Science 2025

BS, Computer Science – Western Governors University 2024

BSBA, Information Systems – San Diego State University 2022

CERTIFICATIONS

Google Cloud Computing Foundations – Google Cloud 2025

CompTIA Security+ – CompTIA 2024

Linux Essentials Certificate – Linux Professional Institute 2024

PROJECTS

AWS Secure Portfolio Website | *AWS, IAM, Amazon Route 53, CloudTrail, Amazon S3, KMS, CloudFront*

- Designed and deployed a secure AWS portfolio website using Amazon S3, CloudFront, and Route 53.
- Implemented least privileged IAM roles, MFA, and CloudTrail logging to strengthen account security and auditing.
- Implemented Amazon S3 versioning and lifecycle policies to support data recovery while minimizing storage costs.