DORIAN A. DIAZ

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Systems Administrator ♦ US Navy Veteran ♦ Cloud Computing Student

Security Clearance: Active Secret

PROFESSIONAL PROFILE

Highly accomplished operations specialist with 5+ years of distinguished service in the U.S. Navy, recognized for leading high-performance teams and driving mission-critical outcomes in multinational environments. Served as Lead Track Data Coordinator for Tactical Data Links, supporting U.S. Navy and NATO operations across a 24x7 watch floor. Directed a team of 10+ in system maintenance, troubleshooting, and real-time data coordination, ensuring seamless interoperability and operational readiness.

Currently pursuing a B.S. in Computer Science with a concentration in Cloud Computing at ECPI University, maintaining a 4.0 GPA. Combines military precision, technical acumen, and academic excellence to deliver scalable solutions and lead cross-functional teams in high-stakes environments.

PROFESSIONAL EXPERIENCE

07/2025 – Present, DOD SkillBridge AI/ML Engineer, BCS Allegient, Arlington, VA 22203
- Built and tested natural language processing (NLP) models using OpenAI, Hugging Face, and LangChain for tasks like summarization, classification, and retrieval
- Designed prompt strategies to improve model accuracy and response consistency across zero-shot and few-shot use cases
- Deployed lightweight AI workflows using AWS services (EC2, S3, Lambda, Sagemaker) with containerization via Docker and orchestration using Kubernetes
- Created and evaluated small-scale deep learning models in Kaggle using PyTorch and TensorFlow, optimizing for GPU use and dataset compatibility
- Documented model architecture, training steps, and evaluation metrics to support reproducibility and team collaboration
- Resolved setup issues including dependency conflicts and CUDA compatibility during model deployment
- Continuously learning best practices in ethical AI, model evaluation, and scalable deployment pipelines

09/2020 – 07/2025, OPERATIONS SPECIALIST 2ND CLASS (E-5)
Tactical Data Link Operator, Harpoon Engagement Planner, System Administrator, Team Lead, US Navy, Norfolk, VA 23505

- Directed and executed over 100+ hours of system maintenance, diagnostics, and live-fire readiness drills, ensuring flawless SM-2 missile engagements during Exercise Formidable Shield 2023, reinforcing Integrated Air and Missile Defense (IAMD) capabilities across the fleet.
- Achieved a 100% target-engagement success rate across multiple deployments through precision calibration, radar-to-weapon interface validation, and multi-platform link integration.
- Engineered and sustained tactical data-link architectures (Link 11/16, JREAP-C) across 14 allied networks, optimizing routing, encryption, and synchronization for a unified recognized air and maritime picture.
- Served as Lead Tactical Data Link Coordinator (2023-2025), managing multilink topologies, performing waveform analysis, and validating interoperability between U.S. and allied C2 systems to ensure seamless tactical synchronization.
- Completed over 800 hours of advanced troubleshooting, waveform analysis, and network optimization, enhancing reliability and throughput during seven multinational exercises with eight NATO partners.
- Sustained 100% connectivity of five mission-critical data links across four major deployments, strengthening operational resilience and command-and-control continuity.
- Engineered and maintained secure, real-time digital communications via Tactical Data Links (Link 11, Link 16, JREAP-C) through encrypted protocols, multilink gateways, and cross-domain data-fusion systems supporting distributed C2 operations.

EDUCATION

Bachelor of Science, Computer Science, ECPI University, Manassas, VA, 20109, Expected Graduation in May 2026, GPA 4.0

Naval Multi Tactical Digital Information Link School (NEC W23A), US Navy, Damneck, VA 23461, 2023

Tactical 1A Harpoon Engagement Planning Operator School (NEC 702B), US Navy, Damneck, VA 23461, 2021

CERTIFICATIONS / PROFESSIONAL TRAINING / SKILLS

Certifications & Training

- Enlisted Surface Warfare Specialist (2023)
- NVIDIA Fundamentals of Deep Learning (2025)
- AWS Cloud Foundations (2025)

Cloud Computing & Infrastructure

- Experienced in AWS services: EC2, S3, IAM, Lambda, ECS, VPC, DynamoDB, and Sagemaker
- Skilled in infrastructure-as-code formats: JSON, YAML, Terraform, CloudFormation, AWS CLI
- Experience with Docker and Kubernetes for containerization and orchestration of cloud-native applications
- Experienced in cloud scaling, provisioning, and security best practices

Software Development & AI

- Languages: Python, C#, C++
- Frameworks: PyTorch, Deep Learning architectures, CUDA, and TensorFlow
- Specialized in LLM creation and model fine-tuning

Version Control & Collaboration

- Git: repository cloning, code push/pull, branch management
- Familiar with CI/CD workflows and team-based development

Network & Systems Administration

- Platforms: Linux, Windows (PowerShell/ISE)
- IP addressing, firewall configuration, and protocol management (OSPF, RIPV2, HTTP/S)
- Microsoft Active Directory: user/group policy management and domain services

Project website

[Dorian A. Diaz | Cloud Engineer Portfolio](#)

AWARDS AND RECOGNITION

In recognition of my dedicated service and achievements, I have been honored with the following military and academic awards:

- Naval Achievement Medals (4): Awarded for outstanding achievement or meritorious service not of a nature that merits the Commendation Medal.
- Good Conduct Medals (1): Recognized for exemplary behavior, efficiency, and fidelity during three consecutive years of active enlisted naval service.
- National Defense Medal: Acknowledged for service during a designated national emergency or war.
- Global War on Terrorism (GWOT) Medal: Recognized for service in operations to combat terrorism.
- Battle E: Demonstrated the highest level of battle readiness and operational excellence in their group, recognizing superior command and crew efficiency across various operational areas.
- Meritorious Unit Commendation (2): Meritorious conduct in the performance of outstanding services, showcasing collective effort as a team.
- Deans List (2). For maintaining above a 3.8 GPA.