

# Benjamin Vega

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## Security Operations Center Analyst | Incident Response | Alert Triage

### PROFESSIONAL SUMMARY

Transitioning United States Air Force service member with operations leadership in mission critical environments, targeting Security Operations Center Analyst roles. Proven performance coordinating time sensitive response, documenting evidence, and reducing risk across large, complex operations. Hands on lab experience with endpoint telemetry (Sysmon and Windows Event Logs), alert triage, investigation write ups, and Git based documentation.

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### CORE SKILLS

- Security monitoring, alert triage, incident investigation, and escalation
- Incident response lifecycle: identification, containment, eradication, recovery, lessons learned
- Log analysis: Sysmon and Windows Event Logs; evidence capture and timeline building
- Security information and event management fundamentals: log ingestion, search, correlation, dashboards (lab exposure: Wazuh, Splunk, Elastic)
- Threat analysis: indicator of compromise enrichment; tactics, techniques, and procedures mapping; MITRE ATT&CK familiarity
- Technical writing: incident notes, root cause narratives, executive ready summaries
- Networking fundamentals: Transmission Control Protocol/Internet Protocol and Domain Name System basics; packet analysis exposure
- Version control: Git and GitHub portfolio documentation
- Scripting exposure: PowerShell and Python (lab use)

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### TECHNICAL PROJECTS

#### Home Security Operations Center Lab | benjaminrvega.github.io

- Built endpoint telemetry pipelines using Sysmon and Windows Event Logs; practiced alert triage, investigation workflows, and reporting.
- Produced repeatable investigation write ups (context, evidence, timeline, remediation recommendations) and maintained artifacts in GitHub.

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### PROFESSIONAL EXPERIENCE

#### United States Air Force | 436th Civil Engineer Squadron (Air Mobility Command) | Dover Air Force Base, Delaware

##### Manager, Water and Fuels Systems Maintenance | Jun 2025 – Present

- Led cross functional teams sustaining water and fuel systems across domestic and international operations, restoring critical services, mitigating mission risk, and maintaining continuous readiness for high tempo environments.
- Directed strategic maintenance and optimization plans to improve system reliability, eliminate recurring failures, and increase operational up time across multiple facilities.
- Analyzed system performance and maintenance trends to identify root causes, prioritize corrective actions, and drive data informed decisions that reduced repeat incidents and strengthened operational resilience.

##### Manager, Electrical Systems | Nov 2024 – Jun 2025

- Led electrical maintenance and modernization efforts for critical infrastructure, restoring power reliability, reducing outage risk, and sustaining continuous operations in mission-critical environments.
- Analyzed electrical system performance data to identify failure trends, drive root cause remediation, and eliminate recurring issues through targeted operational improvements.
- Built and delivered standardized technical training programs for new personnel, improving troubleshooting accuracy, accelerating onboarding, and enforcing consistent maintenance procedures across teams.

**Administrator, Requirements and Optimization | Mar 2023 – Nov 2024**

- Led requirements and optimization across 556 facilities supporting the Department of Defense's largest aerial port and an \$8.5 billion aircraft fleet; directed teams delivering mission critical assessments and prioritization.
- Completed 274 facility assessments validating 9,903 assets and enabling incentive funding; managed sustainment of 397 water and septic systems supporting operational readiness.
- Assigned as Contracting Officer Representative for \$54 million in contracts across 98 units sustaining 906 facilities, ensured performance, compliance, and risk controls across nine contingency operations.
- Chaired sub asset management for \$311 million in renovation and modernization portfolios, prioritized opportunities to secure \$8 million in operations and maintenance funding.

**Supervisor, Water and Fuels Systems | Dec 2022 – Mar 2023**

- Supervised daily maintenance operations, prioritized work orders, and enforced safe execution to sustain critical utilities services.
- Improved response consistency through checklists, training reinforcement, and after action feedback.

**Senior Program Manager, Integrity and Compliance Operations | U.S. Air Force Academy, Colorado | Apr 2020 – Dec 2022**

- Directed institutional integrity operations supporting 4,000 cadets, managing investigations across 278 cases involving 244 individuals, coordinating evidence review, case documentation, remediation efforts, and eliminating a 6 month backlog.
- Supervised operations across 40 organizational units, training and guiding 182 committee members and ethics advisors, advising executive leadership on compliance matters, and restoring good standing for 100 personnel.
- Analyzed compliance metrics and incident trends for Academy leadership and oversight bodies, enabling risk assessment, governance, and continuous improvement, while mentoring future officers through disciplinary panels.

**Operations Manager, Training and Leadership Development | U.S. Air Force Academy, Colorado | Sep 2018 – Apr 2020**

- Primary advisor to unit leader, mentoring 105 cadets and developing future leaders through structured coaching, accountability, and performance management.
- Led Basic Cadet Training mentorship for 103 cadets, validated daily training plans, processed formal evaluations, and managed \$715,000 operations budget helping to secure Best Organizational Unit recognition.
- Served as Communications Subject Matter Expert for semi-annual executive leadership conferences, coordinating 46 senior-leader engagements, provisioning 500 secure access credentials, and maintaining continuous secure network access to support strategic planning and policy decision-making.

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**EDUCATION**

Bachelor of Science, Computer Information Systems | Florida Institute of Technology | Magna Cum Laude

Associate of Science, Mechanical and Electrical Technology | Community College of the Air Force

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**CERTIFICATIONS**

CompTIA Security+ (In Progress)