



Jacob Pech

Innovative Business Visionary

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SOCIAL

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ABOUT

Self-driven positive individual with 12+ years experience leading and developing diverse teams to solve the hardest problems. Natural ability to thrive in rapid mission-critical environments whilst living out my core values of integrity first, service before self, and excellence in all that I do.

EDUCATION

- **Doctor Of Philosophy, Security**
University Of Colorado, Colorado Springs
2022 - 2026
- **Master Of Science, Cybersecurity & Information Assurance**
Western Governor's University
2020 - 2022
- **Sans VetSuccess Academy**
SANS Institute
2020 - 2020
- **Bachelor Of Science, Information Technology**
Western Governor's University
2018 - 2020
- **Associate Of Science, Information Systems**
Community College Of The Airforce
2016 - 2018

CERTIFICATES

Clearance

Active Top Secret (SCI Eligible)

CompTIA

A+ | Net+ | Sec+ | Linux+ | Project+ | Cloud Essentials | CySA+

ISC2

CISSP

GIAC

GPEN | GCIH | GSEC

CISCO

CCNA

EC-Council

CEH

CIW

User Interface Designer |
Advanced HTML5 & CSS3 Specialist |
Site Development Associate

SKILLS

HTML5 | CSS3 | Javascript

Project Management - Mentorship

Shell | Bash | Powershell

VMware - Docker - K8s - Ansible - ProxMox

Graylog | Splunk | Nessus

Metasploit - Wireshark - Nmap

ELK | Snort | Bro

Critical Thinking - Innovation - Business Development

Windows | Linux | MacOS

LANGUAGES

English

Willing to learn any Language

EXPERIENCE

Next Preferred Position | Future

• Any company, Any industry

• Competitive Salary and Benefits

• REMOTE (Open to minimal travel)

• Environment of INNOVATION

• Working alongside MOTIVATED and PASSIONATE individuals

Cybersecurity Engineer | 2021 - Present

Caribou Thunder - Missile Defense Agency

• Cybersecurity Engineer implementing NIST/DoD standards to obtain, develop, and maintain ATO/ATC packages.

• Developing and maintaining CND policies and procedures; identifying, documenting, reporting and correcting system vulnerabilities; and managing cyber incident response.

• Evaluate system and network configurations for compliance with DISA STIGS, NIST 800-53 Security Controls and ISO/IEC 15408 Common Criteria to formulate and implement effective high quality RMF accreditation packages. Conduct CND operations in a DoD environment.

Professor, Red/Blue Team Tactics | 2018 - Present

AFA CyberPatriot Education Program

• Responsible for CTF style program instruction while utilizing and/or developing curriculum covering hardening and exploitation of Windows, Cisco IOS, and Linux-based VM's

• Simplification of advanced topics into relatable lessons while instilling ethical lifelong values into the next generation

• Recruiting and leading other instructors, resourcefully acquiring lab environment hardware, and coordination of events

Defense Consultant | 2021 - 2021

Deloitte - SpaceForce, DCO-S

• In charge of coordinating/supporting multiple teams tasked with the development and administration of a defensive cyber operation (DCO) detection suite utilizing the Elastic, Logstash, Kibana (ELK) stack as well as various tools for data handling and display

• Responsible for the design, deployment, and maintainance of mirrored virtual network environments

• Tasked with automation utilizing scripting in bash and python while leveraging ansible playbooks

• Administering Docker client-server architecture while prepping for migration towards Kubernetes (K8s)

CEO | 2020 - Present

DroneBro Studios

• Chief Executive Officer managing daily operations and vision of a drone services company serving the real estate, industrial, and media industries.

• Maintain all required documents for operation under FAA guidelines, local laws, and federal/state mandated business outlines.

• Ensure customer satisfaction, oversee marketing operations, and spearhead continual process improvements in all business processes.

Cybersecurity Engineer | 2020 - 2021

Kratos Defense & Security - USAF, CCS-C

• Cybersecurity Engineer satisfying RMF requirements per NIST 800-53 across multiple programs to maintain and ensure ATOs within eMASS. Maintain, troubleshoot, configure, and deploy various network security tools, operating systems, and software technologies.

• STIG multiple systems/tools under various environments and scan for compliance while generating status reports for risk compliance.

• Automation through bash, VBA, powershell, and scripted SIEM deployments to ease the workload across a short-staffed team.

Network Security Engineer | 2020 - 2020

Defense Information Systems Agency

• Network Security Engineer that evaluates system network requirements to make appropriate technical recommendations.

• Establishes remote management connectivity, OS updates, Bit Error Rate test coordination, alarm profile configuration, and testing of the various layers of the OSI model.

• Monitors network performance to support deployments and ensures conformity with IA requirements

Cybersecurity Analyst | 2018 - 2019

Alpine Security

• Cybersecurity Analyst that conducted phishing campaigns utilizing automated command-line and graphical Linux-based tools. Organized results into vulnerability overview reports for clients while recommending remediation actions.

• Maintained hardware and patched software ensuring proper hardware performance and up-to-date software.

• Secured and monitored networks through automation and scripting.

Network Engineer | 2016 - Present

United States Air Force - Active Duty/Reservist

• Network Engineer that led small teams, worked logistics of material acquisition, and conveyed project updates to senior leadership.

• Regularly maintained data trunks in support of 6 Major Commands, 30 local tenant units, and 6000+ customers spanning 100+ DoD installations utilizing a \$150M Cisco/Ciena based network infrastructure.

• Monitored and counteracted alarm situations with methodical and decisive fix actions employing network management software to track irregularities.

MIG/GMAW Certified Welder/Fabricator | 2015 - 2016

Vermeer

• Fabricated Vermeer Terrain Leveler surface excavation machines (SEM's) and pile drivers such as the PD10 using a variety of fitting, burning, and welding processes.

• Inspected all work meticulously for defects, dimensions, alignment, and end preparations. Then reported and corrected discrepancies in order to sustain quality assurance standards.

• Operated and maintained cutting torch, plasma cutter, band saw, industrial Miller MIG welder, 10 ton hoists, and a wide variety of power hand tools. Upheld and reinforced standards and procedures outlined in Occupational Safety and Health regulations

Inventory Control Supervisor | 2014 - 2015

Walmart

• Conducted and supervised training of personnel on inventory control procedures and policies.

• Responsible for 4 million in product and stock.

• Enjoyed maintaining ultimate physical form whilst powering through hours of intensive stock unloading, analysis, and maintenance.