

# Andrew Katz

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**Certifications:** CISSP, AWS Security - Specialty, AWS Solutions Architect - Associate, CCNA, CompTIA Security+, CompTIA Network+

## EXPERIENCE

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- **Tevora** Irvine, CA  
Nov 2020 - Present
  - *Senior Information Security Analyst*
    - **Information Security Consulting:** Lead cybersecurity risk assessments for Fortune 500 clients using regulatory compliance frameworks (e.g., NIST 800-53). Presented risk assessment results through reports and executive presentations. Guided federally-contracted clients in performing FISMA and FedRAMP assessments, drafting system security plans, and supporting ATO process.
    - **vCISO:** Held weekly meetings with clients to advise on security program activities, risk reduction, increasing trust, and complying with governance.
    - **Automation Tools:** Developed Flask-based web application to speed up report writing process. Wrote Python scripts to automate third-party risk management projects.
    - **Documentation:** Revamped Confluence pages for Federal consulting practice and created markdown documentation in GitHub to continuously improve internal information sharing.
  
- **Falck** Aurora, CO  
Jan 2018 - May 2020
  - *Systems Engineer*
    - **Systems Administration:** Supported operations, dispatch center, remote sites, and applications. Maintained Hyper-V Windows Server 2008/2012 server environment and Windows 7/10 end-user environment.
    - **Network Administration:** Maintained Cisco, Check Point, Ubiquiti, and Cradlepoint (WWAN with IPSec VPN on each ambulance) network infrastructure for an ambulance dispatch operations center.
    - **IT and Security Support:** On-call support for security incidents and application issues.
  
- **GHD** Tucson, AZ  
Nov 2014 - Jan 2018
  - *Information Technologist*
    - **Geographic Information Systems:** Drafted soil sampling plans using ArcGIS for a mining client in Arizona.
    - **Environmental Soil Sampling:** Managed teams of up to six soil samplers in the field.

## PROJECTS

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- **SecurityNewsletter:** Web app that presents a monthly security newsletter with rotating themes, tips, and links.
- **Homelab:** Self-learning security environment using pfSense firewall, Proxmox hypervisor, Splunk, WireGuard VPN, Cowrie honeypot, and other tools.

## TOOLS AND SKILLS

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- **Programming Languages:** Python, Bash, SQL, PowerShell
- **Technologies:** Active Directory, AWS, O365, Splunk, Graylog, Suricata, VPNs, VMware, Hyper-V, Docker, Kali Linux, Wireshark, Nessus, Qualys

## EDUCATION

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- **Northern Arizona University** Flagstaff, AZ  
Aug. 2010 – May. 2014
  - *Bachelor of Science in Geographic Science and Community Planning*