

# DANIEL CHO

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## Education

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### Virginia Tech

Aug 2017 – May 2021

*Bachelor of Science in Bus. Information Technology - Decision Support Systems*

*Blacksburg, VA*

## Experience

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### The National Institutes of Health (NIH)

Mar 2023 – Present

*Senior Cybersecurity Consultant (Cloud Infrastructure and Security)*

*Bethesda, MD*

- Provide security engineering, cloud development, and architecture services across various cloud platforms to government clients including AWS, Azure, and leveraging Terraform for infrastructure as code.
- Develop, deliver, and maintain custom cloud-based solutions; monitor security compliance and operational data using Splunk, and implement CI/CD pipelines for continuous integration and deployment.
- Implement various compliance frameworks (e.g., NIST SP 800-53, FedRAMP, FISMA, RMF, CSF, ZTMM).
- Implement Zero Trust in the Hybrid Enterprise, Perform AWS Cloud Migration - Infrastructure, STRIDES program.

### Fannie Mae

Aug 2021 – Jan 2023

*Cybersecurity Internal IT Audit Associate*

*Washington, D.C.*

- Assess design and operational effectiveness of IT General Controls for end user computing, applications, and underlying infrastructure against enterprise policies, standards, and procedures.
- Identify technology risks and controls, perform control walkthroughs, and execute audit procedures.
- Worked with cross-functional teams to develop and implement recommendations for improving IT systems, processes, and controls.

### Triple Point Security

May 2021 – Aug 2021

*Cybersecurity Intern*

*Leesburg, VA*

- Created and configured virtual machines on VMWare, AWS, and Azure cloud environments.
- Learned and trained in networking, firewall configuration, vulnerability scanning and remediation, and virtualization.
- Worked with a team to assess the security posture of cloud-based systems. Worked with CLIs which include Bash and Powershell.

## Certifications

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(ISC)<sup>2</sup>: CISSP (Certified Information Systems Security Professional) - Associate of (ISC)<sup>2</sup>

ISACA: CISA (Certified Information Systems Auditor)

Amazon Web Services: AWS Certified Solutions Architect - Associate, AWS SysOps Administrator - Associate, AWS Cloud Practitioner

Microsoft Azure: Microsoft Certified: Azure Administrator Associate, Microsoft Certified: Azure Fundamentals

Google Cloud Platform: Google Cloud Certified Associate Cloud Engineer

HashiCorp: HashiCorp Certified: Terraform Associate

CompTIA: CompTIA Security+, A+, ITF+

GIAC - SANS Institute Certification: SEC530: Defensible Security Architecture and Engineering: Implementing Zero Trust for the Hybrid Enterprise (Purchased & Still Studying)

## Technical Skills

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**Cloud Infrastructure & Services:** Amazon Web Services (AWS), Microsoft Azure, and Google Cloud Platform (GCP)

**Security Assessment:** Qualys, OpenVAS, Wireshark, Kali Linux, Suricata, Zeek (Bro), Security Onion, Snort

**Languages:** JavaScript, Python, Java, Bash, PowerShell

**Web Development:** HTML, CSS, JavaScript, jQuery, React.js, Node.js

**Data Analysis and Visualization:** Excel, Splunk, MITRE ATT&CK, and SIGMA

**Database Management:** MySQL

**DevOps:** GitHub, Bitbucket, Jenkins, Terraform

## Leadership & Involvements

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### Software Engineering Training | *JavaScript*

Jan 2023 – Mar 2023

- Dedicated full-time study & classes, focusing on building skills for a career shift towards software engineering.

### IC CAE Associate | *Hume Center*

Jan 2020 – May 2021

- Intelligence Community Center of Academic Excellence