

Jake Stephen McNeil

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SUMMARY

Technical security associate w/ a development background. Primary interests include Cloud Security, DevSecOps, Application Security, and Penetration Testing which are pursued through personal research, enterprise work, and university & certificate curricula.

EXPERIENCE

Cybersecurity & Privacy Associate

PricewaterhouseCoopers

September 2020 – Current, Atlanta, GA

- Cloud Automation Engineer responsibilities, including building a Policy-as-Code pipeline to standardize IaC security checks.
- Provided a risk-based approach to verification & validation for Cybersecurity models across 8 industry-leading vendor products.
- Considered a container security (K8, Docker, Sysdig, etc.) SME for several Fortune-500 companies.
- Developed applications and adoption strategies across a variety of different CI/CD pipeline technologies.
- Managed several workstreams with team sizes of 4-6 using Agile development while utilizing tools such as Jira and Confluence.

Career Pathways Intern

Lockheed Martin

May 2017 – August 2018, Stratford, CT

- Interned for summers 2017 & 2018 at the export control division of Sikorsky Aircraft, cribwork efficiency up ~50% since start.
- Contributed towards the adoption of new technology in cribwork and provide solutions/tools to help facilitate their introduction.
- Utilized software (SAP) for logistical asset management in order to maintain records necessary for crib operations.

Cybersecurity Intern

OdysseyRe

May 2016 – August 2016, Stamford, CT

- Reviewed, maintained, and configured company-wide website whitelist using Forcepoint (WebSense).
- Developed a threat model in the context of the company's attack-surface using a risk-based approach.
- Assigned the task of performing a full-scale network & IAM security evaluation for the company based on the SANS Critical Controls.

EDUCATION

Masters in Cybersecurity – Information Security

Georgia Institute of Technology • Atlanta, GA • 2022 • 4.0

Bachelor of Science in Computer Science – Intelligence & Modeling and Simulation

Georgia Institute of Technology • Atlanta, GA • 2020 • 3.50

CERTIFICATIONS

Cybersecurity Analyst+

CompTIA • 2020

The CySA+ is focused primarily on blue-team activities including threat-management, vulnerability assessment and response, security exercises, and cyber-incident response.

AWS Certified Security – Specialty

Amazon Web Services • 2021

This certification emphasizes security in relation to cloud infrastructure. Its competencies require knowledge of specialized data classifications, AWS data protection mechanisms, AWS data encryption methods, and detailed knowledge of AWS security services and features of services.

AWS Certified Solutions Architect – Associate

Amazon Web Services • 2021

Demonstrate knowledge of how to architect and deploy secure and robust applications on AWS technologies

INVOLVEMENT

Student Mentor

Wakeman Boys & Girls Club • September 2014 – September 2018

- Volunteered as a student mentor for 3 at-risk children at a local elementary school.
- Received the first annual "Mentor of the Year" award in response to the several years of "above-and-beyond" effort.
- Developed and implemented a sustainable education program that helps instill healthy values.

Animal Shelter Volunteer

Atlanta Humane Society • September 2019 – Current

- Volunteered at a local animal shelter in Atlanta.
- Standardized adoption processes for increased efficiency.
- Primarily spent time helping potential adopters familiarize themselves with the cats available.

SKILLS

Python, Java, C, Javascript, AWS, Docker, K8/K3, Sysdig, Git, Jenkins, GitHub Actions, CodePipeline, TeamCity, Azure DevOps, Burp Suite, Go/Dir Buster, CORS/CSP, John The Ripper, SQLMap, smbclient, SAST/DAST, OWASP Top 10, Wireshark, Bash Scripting, Chef Inspec/Automate