

Josh Messitte

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Profile

An information security engineer specializing in software development and cloud security. A proven track record of collaborating with other engineering teams to execute large-scale production deployments.

Education

University of Georgia

Masters of Science in Computer Science
GPA: 4.00

Athens, GA
2021-2022

Bachelors of Science in Computer Science
GPA: 3.89

Athens, GA
2018-2021

Experience

Information Security Engineer II

Appian Corporation

McLean, VA
April 2024-Present

- Significantly expanded security scanning coverage across both corporate and customer cloud environments by deploying a software agent at a company-wide level.
- Built out Appian's risk monitoring platform for third party SaaS applications, increasing overall security posture.

Information Security Engineer

Appian Corporation

McLean, VA
January 2023-March 2024

- Designed and built a comprehensive vulnerability scanning framework for a FedRAMP-compliant cloud environment using full stack AWS development (Terraform) and tooling deployment.
- Built a comprehensive CI/CD pipeline which allows other engineering teams to seamlessly perform OS scanning and compliance auditing on their builds.

Cyber Intern

Booz Allen Hamilton

Annapolis Junction, MD
June 2021-August 2021

- Built an end-to-end application using open-source technologies and random forest machine learning models to classify and detect malicious activity within TLS-encrypted network traffic.
- *Project won first place at the Booz Allen Hamilton Summer Games summer games internship.*

Cyber Intern

Booz Allen Hamilton

Annapolis Junction, MD
January 2023-March 2024

- Developed a framework of command-line tools for malware triaging, tagging, and analysis. Tools included a twitter scraper, a Slackbot, and a Random Forest machine learning model.

Skills

Languages: Java, Python, C++, C, JavaScript

Cloud Platforms: Amazon Web Services (AWS), Google Cloud Platform (GCP)

Technologies: Flask, Django, Terraform, R, SQL, HTML/CSS, Git, MongoDB, MariaDB, IDA, Ghidra, WireShark, PyTorch

Additional

Portfolio: joshmessitte.dev