Jeremy Wolfe

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EDUCATION

Masters of Computer Science, Artificial Intelligence   August 2023 - Present
Kennesaw State University   *Kennesaw, GA*
Published Paper: Recent Advancements in Search-Engine Algorithms for Efficiency, Privacy and Security (IEEE)

Bachelor of Science in Computer Science, Information Security   September 2017 - May 2021
University of North Georgia   *Dahlonega, GA*

TECHNICAL SKILLS

Machine Learning: SciKit Learn, Snorkel AI, PyTorch, TensorFlow

Cloud & Infrastructure: AWS, Microsoft Azure, Kubernetes, Docker, Hybrid Cloud Environments, Distributed Systems, Microservices Architecture, Prometheus, Grafana, HashiCorp Vault, K3s, Artifactory

Languages: Python, Java, JavaScript, SQL (Postgres, Oracle), C#, Typescript, Bash/Shell Scripting

Frameworks & Tools: Spring Boot, Angular, Node.js, Azure DevOps, Git, JUnit, Bootstrap, Material-UI, jQuery, Quarkus, Apache Kafka

Development Practices: CI/CD, Agile/Scrum, Test-Driven Development, Code Review, Test Automation, Version Control

Security: OWASP Best Practices, Application Security (SonarQube), IAM (Identity and Access Management)

Databases & Big Data: Redis, Apache Hadoop

EXPERIENCE

Software Engineer   June 2021 - Present
General Motors   *Roswell, GA*

- Developed AI-based safety trend identification, boosting testing efficiency by 25% and reducing manual evaluations by 73%
- Managed SOX-compliant systems for critical data, ensuring 99.9% uptime across 6TB of information
- Developed AI-powered solutions using Python, Springboot, and a micro-service based architecture, recognized by the CIO Center of Excellence for driving strategic safety insights
- Earned 'Exceeds Performance' recognition within the first 3 years for leadership in product development and significant contributions to both assigned projects and cross-functional team initiatives
- Acted as Scrum Master, managing Agile/SAFe processes, including sprint planning and retrospectives
- Conducted regular UX meetings with business stakeholders to gather application requirements and ensure seamless navigation and usability

Information Technology Technician   January 2018 - December 2020
University of North Georgia   *Dahlonega, GA*

- Managed and supported over 100 enterprise-level systems, improving system reliability and providing critical support for university departments.
- Resolved technical issues within a 2 hour SLA, minimizing downtime and ensuring consistent operations for university faculty and leadership.
- Developed and automated system management tasks, streamlining video conferencing IP address management and enhancing operational efficiency.

PROJECTS

NSA Code Breaker Challenge | *Python, Java, IDA Pro, Ghidra*

- Achieved 1st place in a 110-day cybersecurity challenge, excelling in reverse engineering and low-level code analysis
- Designed Python algorithms to decrypt secure systems, uncovering critical vulnerabilities