

Jeremy Wolfe

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EDUCATION

Masters of Computer Science, Artificial Intelligence

Kennesaw State University

August 2023 - Current (2025)

Kennesaw, GA

Bachelor of Science in Computer Science, Information Security

University of North Georgia

September 2017 - May 2021

Dahlonega, GA

TECHNICAL SKILLS

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

Cloud & Infrastructure: Amazon Web Services (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, HTML/CSS

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 (Selenium, Cypress)

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

Databases & Big Data: Redis, Apache Hadoop

EXPERIENCE

Software Engineer / Technical Lead

General Motors

June 2021 - Present

Roswell, GA

- Developed full-stack applications using Spring Boot, Angular, and Python, automating the identification of safety trends with artificial intelligence to improve vehicle testing efficiency.
- Implemented machine learning models using PyTorch and TensorFlow to analyze vehicle safety data, detecting critical events such as fires and rollovers, improving detection accuracy by 25% and providing actionable insights to engineers.
- Maintained and enhanced a SOX-compliant application managing over 6TB of data, ensuring 99.9% uptime with secure and accurate delivery of product recall information to the National Highway Traffic Safety Administration (NHTSA).
- Contributed to a CIO Center of Excellence Awarded AI-powered application, improving decision-making speed for safety teams.
- 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.
- Served as Scrum Master, leading Agile and SAFe development processes, including sprint planning, daily stand-ups, and retrospectives.

Student IT Technician

University of North Georgia

January 2018 - December 2020

Dahlonega, GA

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

PROJECTS

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

August 2019 & August 2020

- Participated and achieved first place in the 110-day cybersecurity challenge for two consecutive years
- Learned the foundations of reverse-engineering / low-level code analysis
- Utilized Python and Java for brute-forcing tactics and software cracking