

Cody Sims

Kernersville, NC | cody@simsdigitalpartners.com

Professional Summary

Recent graduate with a Bachelor of Science in Information and Cybersecurity Operations and hands-on experience in software support, application development, automation, cybersecurity, and cloud technologies. Holds NVIDIA certification in Building Agentic AI Applications with Large Language Models and has been accepted into Georgetown University's Master of Professional Studies in Artificial Intelligence Management program (expected 2027). Combines military leadership, business ownership, and technical project experience to bring a disciplined and analytical approach to solving complex technical problems. Passionate about software development, AI, automation, and emerging technologies, with a strong foundation in troubleshooting, system support, and modern software engineering practices.

Work Experience

Software Support Engineer

Preferred Data Corporation | High Point, NC

June 2026 to Present

- Read, debug, extend, and maintain custom software applications supporting customer business operations.
- Investigate and resolve software issues through code analysis, database troubleshooting, and root-cause identification.
- Write and optimize SQL queries to research production issues, correct data discrepancies, and generate business reports.
- Serve as a primary technical point of contact for software customers, managing ongoing support needs and technical relationships.
- Triage, resolve, and document support tickets across multiple software products and customer environments.
- Develop scripts, automations, and integrations using AI-assisted development tools and workflow automation platforms.
- Document software behavior, fixes, and data models to improve operational efficiency and knowledge sharing.
- Support customer-facing software platforms and assist with technical proposals, demonstrations, and solution discussions.

Owner / Independent Insurance Agent

Sims Insurance Partners LLC | Kernersville, NC

September 2025 to Present

- Operate an independent insurance business serving senior clients with life insurance and Medicare solutions
- Manage client relationships, operations, and compliance requirements in a self-directed business environment
- Built strong communication, problem-solving, and business operations experience through direct client engagement

Software Development Projects

Sims Digital Partners LLC

January 2025 to Present

- Developed software projects, websites, and AI-powered applications using Python, FastAPI, and modern LLM frameworks.
- Built Sentinel Vision, a real-time object detection project utilizing YOLO, PyTorch, and OpenCV.
- Created web applications, automation workflows, and API integrations to explore modern software engineering concepts and technologies.
- Implemented Docker containerization, GitHub Actions CI/CD pipelines, and cloud-based deployment environments.
- Designed backend services, logging systems, and debugging workflows to improve application reliability and maintainability.
- Experimented with AI-assisted development, workflow orchestration, retrieval-based systems, and automation platforms.

Licensed Independent Insurance Agent

The Assurance Group | Archdale, NC

June 2020 to September 2025

- Built and managed a client base of 600+ individuals through direct outreach, referrals, and educational seminars
- Consistently achieved Chairman's Club recognition for top performance and production
- Managed client consultations, policy recommendations, and long-term relationship management in a self-directed environment
- Developed strong communication, problem-solving, and business operations skills while maintaining compliance with industry regulations

Education

Artificial Intelligence Management (Master's of Professional Studies)

Georgetown University | Remote

2026 to 2027

Information and Cybersecurity Operations (Bachelor of Science)

ECPI University | Greensboro, NC

May 2019 to April 2026

- Bachelor's program focused on cybersecurity operations, network infrastructure, systems administration, and cloud security.
- Completed hands-on labs in ethical hacking, vulnerability assessment, incident response, digital forensics, and network security.
- Applied AI/ML techniques, cloud technologies, and DevSecOps practices through academic technical labs.
- Developed practical experience with Linux, Windows Server, Active Directory, cloud services, scripting, automation, backend development, and enterprise security technologies.

Skills

GitHub AWS Azure Microsoft PowerPoint AI/ML Fundamentals Python CI/CD Presentation preparation Cybersecurity Computer vision Large Language Models (LLM) Chart (Excel) Object detection Ansible Git PyTorch DevOps Docker Linux Excel graphs RESTful API Dashboard creation

Links

<https://www.simsdigitalpartners.com>

<https://github.com/Cody-SDP/Sentinel-Vision>

<https://www.linkedin.com/in/cody-sims3/>

Military Service

Corporal | United States Marine Corps | United States

July 2015 to May 2019

Description

- Served as a Infantry Rifleman in the United States Marine Corps, leading and operating in high-pressure, team-oriented environments
- Held responsibilities for team coordination, accountability, and execution of mission-critical tasks
- Assigned to an Intelligence Battalion as an 8621 Ground Sensor Surveillance Operator, supporting surveillance and data collection operations as secondary MOS
- Operated and maintained sensor-based systems used for monitoring and intelligence gathering
- Demonstrated strong leadership, discipline, and decision-making under pressure
- Maintained high standards of operational readiness, equipment accountability, and safety protocols

Commendations

- Expert Pistol Qualification Badge
- Expert Rifle Qualification Badge
- Global War on Terrorism Service Medal
- Humanitarian Service Medal
- Marine Corps Good Conduct Medal
- National Defense Service Medal
- Sea Service Deployment Ribbon

Awards

Dean's List

September 2025

For exceptional academic achievement for the entire award period of May through September 2025 during undergrad at ECPI University.

Certifications and Licenses

NVIDIA - Building Agentic AI Applications with Large Language Models

April 2025 to Present

Completed NVIDIA certification focused on building agentic AI applications using LLM workflows, orchestration concepts, and modern AI development practices.

Life & Health Insurance License

Additional Information

ACADEMIC TECHNICAL EXPERIENCE & HANDS-ON LABS

AI / Machine Learning Security

- Python, Pandas, Scikit-learn, Jupyter Notebook
- Isolation Forest, One-Class SVM (OCSVM), Local Outlier Factor (LOF)
- K-Means Clustering, DBSCAN, Principal Component Analysis (PCA)
- Machine Learning-Based Anomaly Detection
- Security Data Visualization (Matplotlib)

Cloud Security & DevSecOps

- AWS IAM, EC2, RDS, CodeCommit, CloudWatch
- Azure AI Services, Azure Monitor, Key Vault, Security Center
- Git, GitHub, CodePipeline, CI/CD Workflows
- RBAC, MFA, Identity & Access Management
- Cloud Security Monitoring & Logging

Cybersecurity Operations & Incident Response

- Nessus, OpenVAS, Nmap
- Wireshark, NetFlow Analysis, tcpdump
- ELK Stack (Elasticsearch, Logstash, Kibana)
- Threat Hunting, Log Analysis, Malware Analysis
- Digital Forensics (FTK, Autopsy, Guymager, DC3DD)

Network Security

- VLANs, ACLs, NAT, DHCP, DNS
- TLS, SSL, IPsec, VPN Technologies
- RADIUS, 802.1X, EAP Authentication
- Wireless Security & Rogue Access Point Detection
- Software Defined Networking (SDN)
- Virtual Networking & Virtual Switches

Systems Administration & Enterprise Security

- Advanced Linux Administration (Ubuntu)
- Windows Server Administration
- Active Directory, Group Policy (GPO)
- NTFS Permissions & Share Permissions
- Microsoft 365 Administration
- User Provisioning & Identity Management
- Backup, Recovery & Business Continuity

Automation & Secure Development

- Bash Scripting, PowerShell
- Security Automation & Orchestration
- Ansible
- Docker
- PyTest
- Bandit (SAST)
- Software Composition Analysis (SCA)
- Task Automation & Log Processing