KAMPALA, UGANDA · OPEN TO WORK

Atigo Paul Odoch

Cybersecurity Expert · Penetration Tester · Software Engineer

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GrooveStreet Software

PROFILE

Cybersecurity analyst, network engineer and software engineering student at Mbarara University of Science and Technology. I run penetration tests, publish reproducible exploit research for SMB and Windows attack paths, and build secure applications end to end. Currently an AI engineering intern at Deep Shift AI and team lead of the MUCOSA Cybersecurity Division.

EXPERIENCE

AI Engineering Intern

2026 — PRESENT

Deep Shift AI · Kampala, Uganda

- Train and evaluate AI models across the full pipeline: data curation, prompt design, evaluation and deployment.
- Ground model behaviour in Ugandan context, language and local use cases.

Team Lead · Cybersecurity Division

CURRENT

MUCOSA · Mbarara University of Science and Technology

- Lead the student cybersecurity division: hands-on labs, CTFs and security awareness.
- Coordinate division research, tooling and the training calendar.

Network Engineering Intern

2025

ICT Labs · Ntinda, Kampala

- Built practical routing, switching, device configuration and troubleshooting skills from beginner to intermediate level.

SECURITY RESEARCH

SMB Exploit Lab

PUBLIC · PYTHON

github.com/Jacked-cpu/samba

Working proof-of-concepts for six CVEs, verified in Metasploitable 2 and 3 labs: CVE-2007-2447, CVE-2009-3103, CVE-2010-2075, CVE-2017-0143 (EternalBlue), CVE-2020-0796 (SMBGhost) and CVE-2021-4034 (PwnKit). Includes reverse-shell tooling and clear scope documentation.

SMBGhost RCE PoC

WINDOWS · PYTHON

CVE-2020-0796 · Windows 10 1903 / 1909

Kernel offset collection, SMBv3 compression and a SYSTEM shell chain for authorised lab testing.

TECHNICAL SKILLS

OFFENSIVE	Nmap, Burp Suite, Metasploit, Wireshark, exploit development, privilege escalation
ENGINEERING	Python, Django, JavaScript, Node.js, PHP, C, Bash, Git, secure API design
AI	Model training and evaluation, Claude, Google Vertex AI, Amazon Bedrock, agents, tool use
NETWORKING	TCP/IP, routing, switching, firewalls, segmentation, traffic analysis
SYSTEMS	Linux administration, Docker, AWS, Azure, network monitoring
DESIGN	General software design, UI implementation, computer graphics

EDUCATION

BSc Software Engineering

IN PROGRESS

Mbarara University of Science and Technology

Focus: software engineering, cybersecurity and network systems.

UACE & UCE

ADVANCED · ORDINARY

Uganda Martyrs SS Namugongo

Primary Leaving Examination (PLE)

PRIMARY

Shilo Nile Star Primary School

Certificate in Computer Graphics Design

CERTIFICATE

Green Bridge Academy

CERTIFICATIONS

COMPTIA	Network+ (N10-008) — Certified	ANTHROPIC	Claude 101	ANTHROPIC	Claude Code in Action
ANTHROPIC	Introduction to Claude Cowork	ANTHROPIC	Introduction to subagents	ANTHROPIC	Introduction to agent skills
ANTHROPIC	Claude with Google Vertex AI	ANTHROPIC	Claude with Amazon Bedrock	ANTHROPIC	AI Fluency: Framework & Foundations
ANTHROPIC	AI Fluency: AI Capabilities & Limitations	ANTHROPIC	AI Fluency for students	PAYPAL × ANTHROPIC	AI Fluency for Small Businesses
IN PROGRESS	eJPT — eLearnSecurity Junior Penetration Tester	IN PROGRESS	Linux Essentials		

PERSONAL

DATE OF BIRTH

13 September 2001

LANGUAGES

English, Langi, Luganda, Lusoga, Kiswahili, Runyankore

INTERESTS

Music, art, video games, workouts, rugby, vibe coding

REFERENCES AVAILABLE ON REQUEST.

PORTFOLIO: ATG | CYBERSECURITY EXPERT