MEDHANE HADUSH

CYBERSECURITY ENGINEER

Founder of QbitDojo | AI Security Systems Builder

Lausanne, Switzerland

CONTACT

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TECHNICAL SKILLS

Security
› SIEM / Splunk / Detection Engineering
› Incident Response & MITRE ATT&CK
› HIPS / Endpoint Security
› Penetration Testing
› Fraud Detection & Management

Development
› Python / Flask / Django
› JavaScript / TypeScript / Next.js
› PostgreSQL / Prisma ORM
› TensorFlow / Vertex AI
› AWS S3 / Vercel / Neon

Tools & Platforms
› Active Directory
› Git / PM2 / Docker
› Stripe Integration

EDUCATION

Ariel University
Cybersecurity Certification
2018

Microlink IT College
BSc Software Engineering
2013 - 2017

LANGUAGES

› English — C1
› French — B1
› Amharic — C1
› Tigrinya — C1

SIDE PROJECTS

AI Content Automation
› Built AI-driven video pipelines generating millions of views across YouTube and TikTok
› Multiple channels in various content niches using automated production workflows

PROFILE

Cybersecurity Engineer and Software Developer with 5+ years of experience spanning national security (INSA Ethiopia), Swiss banking (BCV), and AI systems development. Currently building QbitDojo, an AI-powered cybersecurity training platform with 150+ hands-on labs. Combines deep security operations expertise with full-stack development skills to create scalable, production-grade security tools and training systems.

EXPERIENCE

QbitDojo — Jan 2025 - Present
Founder & Developer — Lausanne, Switzerland

- Building an AI-powered cybersecurity training platform with 150+ hands-on labs across web security, network defense, cryptography, and cloud security
- Designed a 3-layer vulnerability system with dynamic difficulty scaling from beginner to advanced
- Full-stack development: Next.js, Prisma, PostgreSQL, Vertex AI, deployed on Vercel + Neon
- Implementing Stripe subscription model for SaaS delivery and monetization

Banque Cantonale Vaudoise (BCV) — Aug 2024 - Dec 2024
Technical Security Coordinator — Contract — Lausanne, Switzerland

- Enhanced HIPS methodology, improving rule accuracy and defense against intrusions
- Managed customer fraud incidents, reducing financial risk and improving response efficiency
- Developed and implemented the RIO incident response methodology
- Secured employee endpoints targeted by brute force attacks

Banque Cantonale Vaudoise (BCV) — Aug 2023 - Aug 2024
Cybersecurity Engineer — Internship — Lausanne, Switzerland

- Tuned SIEM detection use cases, improving threat detection across monitoring infrastructure
- Proposed and implemented enhanced Incident Response Methodology adopted by the team
- Integrated MITRE ATT&CK framework into detection, response, and mitigation strategies
- Managed fraud investigations related to banking customers

ServiceNow — Aug 2022 - Oct 2022
NextGen Extern — Internship — Lausanne, Switzerland (Remote)

- Participated in NextGen professional development program for enterprise IT service management

Information Network Security Agency (INSA) — Jan 2018 - Sep 2020
Cybersecurity Analyst — Addis Ababa, Ethiopia

- Developed cybersecurity awareness training programs for agency staff
- Built a Flask-based web platform for internal security training with AWS S3 integration
- Applied TensorFlow for ML-powered cryptanalysis automation, enhancing threat analysis capabilities
- Created technical training materials simplifying complex security concepts

Transsion — Oct 2017 - Dec 2017
System Tester — Addis Ababa, Ethiopia

- System testing and quality assurance for mobile device software