

# ANTHONY DAVID

## Cybersecurity Engineer

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Computer engineer specializing in cybersecurity with extensive IT infrastructure experience. Strong background in system management, security implementation, and threat analysis.

## EDUCATION

Bachelor of Science in Computer Science and Cybersecurity  
**HEIG-VD – School of Engineering and Management of Vaud**  
📅 Sept. 2020 – May 2025    📍 Yverdon-les-Bains, Switzerland

Academic Exchange Program  
**UQO – Université du Québec en Outaouais**  
📅 Aug. 2024 – Dec. 2024    📍 Gatineau, QC, Canada

Technical Baccalaureate (Architecture and Life Sciences)  
**ETML – Technical and Vocational School**  
📅 Aug. 2018 – Jul. 2020    📍 Lausanne, VD

Federal Diploma of Vocational Education and Training (CFC)  
– IT Specialist  
**Usines Métallurgiques de Vallorbe SA / EPSIC**  
📅 Aug. 2013 – July 2017    📍 Vallorbe, Switzerland

## WORK EXPERIENCE

IT Support Consultant  
**BMS Building Materials Switzerland**  
📅 June 2023 – Aug. 2024    📍 St-Légier, Switzerland  
Provided IT support alongside academic studies.

Technical Support Specialist  
**Reyl & Cie SA**  
📅 Apr. 2021 – July 2021    📍 Geneva, Switzerland  
Short-term assignment contributing to a full infrastructure deployment.

IT Technician  
**Varisystems SA**  
📅 Aug. 2017 – July 2020    📍 Crissier, Switzerland

## PROJECTS

Scanalyze – Mobile Application for Purchase Tracking  
**Summer University, HEIG-VD**  
📅 August 2023

Designed and deployed a cross-platform mobile application for intelligent receipt analysis, featuring a Python backend, JavaScript frontend, and Kotlin mobile app. Integrated OCR and fuzzy matching algorithms. Open source and hosted on AWS: [github.com/DrC0okie/scanalyze](https://github.com/DrC0okie/scanalyze).

## LANGUAGES

**French** (native) ● ● ● ● ●  
**English** (B2-C1) ● ● ● ● ●  
**German** (B1) ● ● ● ● ●

## TECHNICAL SKILLS

Python Rust C/C++ Java  
Bash/Powershell JavaScript  
Linux/Windows/Android AWS/Azure  
Containers SQL SIEM SOC  
EDR/NDR/SOAR Threat Detection  
OSINT Authentication PKI  
SSL/TLS MFA Exploit Dev  
Reverse Engineering ROP  
Cryptography GRC Risk Analysis  
Technical Writing Git LaTeX

## MILITARY SERVICE

Aviation Soldier – Office Clerk  
**Swiss Army**  
📅 2018 – 2024 (completed)

## ENGAGEMENTS

### Cybersecurity and Technology

CTF OSINT Threat Research  
Insomni'hack BlackAlps Hackfest

### Student Leadership

Y-CTF President (2022–2024)  
CTF Organization Student Council  
Campus Commission

### Music and Volunteering

Percussion Orchestra Ensemble  
Concerts Event Organization  
Public Relations