

Amit Deri

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[GitHub](#) | [LinkedIn](#)

Summary

Recent Computer Science graduate from The Open University with strong programming skills and experience in web technologies and cybersecurity fundamentals. Combining technical knowledge with IT support and customer service background, I'm highly motivated to apply my skills in my first professional role. Eager to contribute fresh perspectives and grow in a dynamic software development environment.

Education and Academic Experience

The Open University of Israel, Raanana.

Bachelor of Computer Science, 09/24

- 3 years of experience in Java.
- Conducting attacks on a target machine using Kali Linux and performing penetration tests
- 2 years of experience in Python, building a compiler (Lexer, Parser).
- 1 year experience in C language, building an Assembler.

Projects

- **Video Analysis Script (Python):** Built a tool using OpenCV and Tesseract to analyze videos for face count, brightness, color dominance, motion, and text detection with fuzzy matching. - [Link](#)
- **laC Risk Detection Tool:** Wrote Rego policies to detect unencrypted sub-resources with risky permissions in laC files. Extended Go engine to report risk paths and line numbers. - [Link](#)
- **Security Misconfiguration Detection:** Created alerts and audit scripts to detect security issues on Windows and Linux systems. Included policy checks, Bash script debugging, and compliance validation for SSH, passwords, and user groups. - [Link](#)
- **Prototype Pollution Exploitation (Node.js):** Demonstrated XSS and RCE via server-side prototype pollution in Node.js apps using EJS and Express, without modifying server code. - [Link](#)

Technical Skills

- **Programming Language:** java, python, C, SQL, Bash.
- **Advanced programming:** OOP, GUI, Multi-threading, Databases, OpenCV, Scripting.
- **Cybersecurity:** Metasploit, Nmap, Nessus, SQLMap, client-side attack, server-side attack.
- **Operating System:** Windows, Linux (Kali Linux, UBUNTU).
- **Technical Skills:** ERP, Priority.

Work Experience

IT and Customer Support, Bank Leumi of Israel | 2018 – 2019

- Helping customers and employees with issues with the bank's services.

Various Student Roles | 2020 – 2023

Sales Representative (Telecommunications), Computer Technician, Carpentry

Languages

- Hebrew – Native
- English – Advanced

Military Service

Military Security Classification Level 2, I served 143 days in the "Iron Swords" war.

- **Mandatory service:** Armaments Corps
- **Reserve service:** Loot Clearance Unit