

Yarin Michael Azoulay

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SUMMARY

A self-motivated Computer Science undergraduate and cybersecurity enthusiast. Passionate about continuous learning and problem-solving, I strive to develop elegant and creative technical solutions. Known for a positive attitude, strong work ethic, and ability to collaborate effectively within teams. Top 5% on TryHackMe.

EDUCATION

The Open University of Israel

Tel Aviv, Israel

Bachelor of Science in Computer Science

Jan 2021 — Jan 2025

- Cumulative GPA: 92 (Magna cum laude) | Dean's List for the academic years of 2022 and 2023, President's List for the academic year of 2024
- Relevant Coursework: Intro to Data Structures and Algorithms, Defensive Programming, Algorithms, Linear Algebra, Real Analysis, Advanced Programming in Java, C Programming Lab

WORK EXPERIENCE

Release Operations Engineer

August 2025 — Present

Upwind Security

Tel-Aviv, Israel

- Optimized QA and security testing environments by architecting and provisioning cloud infrastructure specifically designed for attack surface analysis and proactive vulnerability assessments.
- Engineered a custom automation framework to detect Broken Access Control (BAC) within RBAC systems, significantly increasing testing depth while reducing manual audit cycles.

Ads Quality Rater (Freelance)

March 2024 — August 2025

Welocalize

Remote

- Carefully reviewing and evaluating online internet advertisements to improve their delivery by training machine learning algorithms.

Android Developer

March 2018 — Oct 2020

Israel Defence Forces

Tel Hashomer, Israel

- Developed Android applications for operational use using Java.

- Implemented architecture patterns such as MVVM and MVC, and integrated REST APIs using JSON.

PROJECTS

E2EE 2-Party messaging program

github.com/yarinaz17/E2EE-Messaging-over-TCP

- An implementation of a simple E2E encryption scheme over a non-encrypted networking protocol (TCP) for 2-party communication, fully implemented in Python.
- Designed a custom protocol to mitigate security threats such as MITM and replay attacks.

Phishing Email Detector with Gmail Addon

github.com/yarinaz17/Phishing-Email-Detector

- A phishing email detection system that combines rule-based analysis with machine learning to identify potentially malicious emails. The system uses multiple detection techniques including keyword analysis, URL inspection, spelling checks, and third-party threat intelligence APIs.
- Integrated with Gmail using a Google Apps Script add-on.

CERTIFICATES

Cyber Security 101, TryHackMe (<https://tryhackme.com/certificate/THM-UH1STSUFHR>)

July 2025

Jr Penetration Tester, TryHackMe (<https://tryhackme.com/certificate/THM-KU7RCAZVQQ>)

December 2025

SKILLS

- **Programming Languages:** Python, C/C++, Java, Bash (Scripting), SQL
- **Tools & Technologies:** AWS, GCP, Kubernetes, Docker, Git, Linux System Administration, Wireshark, Burpsuite, Metasploit