TAL LEVI
COMPUTER SCIENCE STUDENT

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About Me

I'm a second-year Computer Science student working toward a B.Sc., building strong skills across programming languages and Linux environments. I'm always eager to explore new technologies and take on new challenges.

Education

THE OPEN UNIVERSITY

B.Sc. in Computer Science | 2022 – Present

- Estimated Graduation Date: September 2026

KINNERET ACADEMIC COLLEGE

Practical Eng. in Electronic and Computer Engineering | 2015 - 2017

GPA: 91

Projects

- **Automatic Job Scraper:** Docker-containerized Python project that scrapes multiple job boards to retrieve and store postings in a PostgreSQL database, automatically forwarding new listings to a Telegram channel. Optimized for Heroku's worker process.

- **Telegram to Supabase Webhook Server:** Flask-based Telegram webhook server saving real-time channel/group posts into Supabase for dynamic frontend use.

- **Open-Source Developer:** Active participant in Ma'akaf Community contributing to open-source projects on GitHub.

- **Two Pass Assembler:** utilized ANSI C to implement a two-pass assembler for a hypothetical assembly language. The assembler translates assembly language source code into machine code, performing lexical analysis, syntax analysis, and code generation in two passes. (C-Programming Laboratory Course)

Skills

Programming Languages: Python, C, Java, Assembly.
Database Management: MySQL.
Technologies and Frameworks: Git, GitHub, Docker, Linux, Selenium, NumPy.
Methods: OOP, Debugging, SOLID Principles, Design Patterns.

Experience

ISRAEL ELECTRIC CORPORATION

Project Management Intern | November 2024 – Present | Part Time

B.Y. MEDIMOR LTD

PCB Quality Programmer | October 2020 – November 2024

Military Service

Team Leader and UAV Technician | Israeli Air Force | 2017 – 2020

** Recommendations and Certifications will be presented upon request **