

TAL LEVI

COMPUTER SCIENCE STUDENT

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About Me

Computer Science B.Sc. student with a solid foundation in programming and Linux environments. Enthusiastic about learning new technologies and tackling complex 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 using hybrid architecture: Requests + BeautifulSoup for static/SSR sources and Selenium for JS heavy sources. Stores to Supabase (PostgreSQL) and auto-forwards new listings to a Telegram channel, deployed as a Heroku worker.
- **Secure Messaging Service:** End to end encrypted messaging service: C++ client (Boost.Asio) + Python server, custom binary protocol, Uses RSA for key-exchange, AES for payloads.
- **Telegram to Supabase Webhook Server:** Flask-based Telegram webhook server saving real-time channel/group posts into Supabase for dynamic frontend use.
- **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++, C, Java, Assembly.
Database Management: MySQL, PostgreSQL.
Technologies and Frameworks: Git, GitHub, Docker, Linux, Selenium.
Methods: OOP, Debugging, Unit Testing, 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 ****