

# 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.

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### Education

#### THE OPEN UNIVERSITY

**B.Sc. in Computer Science | 2022 – Present**

- Estimated Graduation Date: January 2027

#### KINNERET ACADEMIC COLLEGE

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

GPA: 91

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### 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)

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### Skills

Programming Languages: Python, C++, C, Java, Assembly.

Database Management: MySQL, PostgreSQL.

Technologies and Frameworks: Git, GitHub, Docker, Linux, Selenium, NumPy.

Methods: OOP, Debugging, Unit Testing, SOLID Principles, Design Patterns.

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### Experience

#### ISRAEL ELECTRIC CORPORATION

**Project Management Intern | November 2024 – Present | Part Time**

#### B.Y. MEDIMOR LTD

**PCB Quality Programmer | October 2020 – November 2024**

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### Military Service

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

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