

# Or Dabool

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## About Me

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I'm a software enthusiast at heart, always on the look for the next thing to learn.

Currently working as a web developer while pursuing my BSc degree in computer science.

During my studies, I found a new passion in low-level software development and I would like to challenge myself in that field.

I'm hard-working, constantly striving for the best, and always up for a challenge.

## Education

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### The Open University of Israel

BSc in Computer Science

2020 - Current

- Computer Science student at The Open University. Current GPA: 88.
- Awarded a place on the dean's list.
- Scheduled to graduate by 2025.
- **Notable Courses:**
  - Intro to Computer Science and Java language (Grade - 97).
  - Data Structures and Intro to Algorithms (Awaiting grade).

## Work Experience

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### DupliTrade

Full-Stack Developer

Herzliya

2018 - Current

- Currently part-time Full-Stack developer at DupliTrade.
- **Technologies used:** C++, Python, PHP, and MySQL.
- **2023:** Accomplished a full rebuild and redesign of the company's core product, providing a lean and efficient engine.
- **2021:** Switched to a part-time developer role to accommodate my academic duties.
- Awarded Employee of the Year award in 2018.
- **2018:** Joined DupliTrade as a junior developer. Promoted to the role of team leader by the end of the year.

## Personal Projects

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### IoT: Control AC remotely through a web page

[GitHub](#)

A practical introduction to the world of IoT

- Used a simple ESP32 board to serve a web page that acts as a remote to the AC.
- Connected the board to an IR transmitter, accomplishing connection to the AC itself.
- Learned a lot about electrical components and bitwise operations in this project.

### Self-hosted home media server

[GitHub](#) | [Docs](#)

A project that combines using Open-Source software, Docker, Linux, networking, and hardware

- Allows streaming personal media from a local server to any device.
- Automated the full cycle: Fetching media files, converting to a suitable format, adding subtitles, and streaming.
- Managed to achieve ease of use by combining everything into a single Docker Compose project.

**References available upon request.**