Or Dabool

Computer Science Undergraduate

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About Me

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 was introduced to subjects in Computer Science that I never encountered as a web developer. 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. I'm looking for a great work environment, being surrounded by colleagues who push and elevate each other and the common goals.

Work Experience

DupliTrade *Herzliya*

Full-Stack Developer *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.

Education

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).

Personal Projects

Self-hosted home media server

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

- Managed to achieve ease of use by combining everything into a single Docker Compose project.
- The code is available on GitHub.
- Project documentation is available here.

IoT: Control AC remotely through a web page

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.
- The code is available on GitHub.

References available upon request.