

Nerya Bigon

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PROFESSIONAL SUMMARY

Highly motivated second-year computer science and mathematics student, self-learner, skilled in human relations, collaborating with different people, and working independently. Learned that I have a unique ability to solve problems and find solutions for problems I encounter. I don't need someone to hold my hand, and at the same time I don't have a problem asking for help when I do need it.

Eager to learn! Looking for a student software developer position.

EXPERIENCE

Security guard

T&M | Jerusalem, Israel

2018 – 2019

Worked as security guard at the old city.

I was responsible for escorting and securing families.

- Worked with a team
- Trained new employees on the job workflow.

PROJECTS

[Directed Networks](#)

API for creating directed graphs with several graphs algorithms.

Also, an interactive UI for building graphs and viewing algorithm procedures.

[RDT Chat App](#)

Implemented reliable data transfer with congestion and flow control over UDP, including Responsive UI.

[Knowledge base](#)

When starting my degree, one ambition of mine was to open-source as much as I can from it so that many different people can profit from it.

This is an ongoing project that will forever grow as I continue to learn new things.

Elevator allocation system

Offline and Online elevator allocation algorithms. A dynamic program that works for every building or elevator system.

For more check out my [portfolio](#).

EDUCATION

B.Sc. in computer science and mathematics | Ariel University

2020 -

Deep understanding of programming fundamentals such as Object-Oriented Programming, design patterns, and Data Structures. Analysing complexity and efficiency of algorithms. Knowledgeable about computer networking (94), Linux, and more.

- **Relevant Courses Completed:** OOP (91), Data structures, Computer Networking (94), Computer architecture (99), Algorithms, System Programming – c/c++ (94), Operating system's(83)
- **Relevant Courses Currently Taking:** Databases, Software engineering.

MILITARY SERVICE

Combat Soldier | Served for 2.8 years in the IDF

2015 - 2018

Served as a combat soldier in the infantry corps, and at the present I'm part of the military reserve force.

I was the one that was chosen to go to extra courses because I would always excel at them.

- **Courses:** advanced radio communications, C^2 (shob) operator, Drones operator, RCWS, and more.

SKILLS & TOOLS

| Windows | Linux | Networking | Wireshark | VM | Docker | databases | Photoshop | Kivy | .NET |

LANGUAGES

| Hebrew | English | Java | C /C++ | C# | Python | SQL | MongoDB | html, CSS |