

Ofir Nahshoni

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SUMMARY

A graduated BSc in Computer Engineering, Ruppin Academic Center. Looking for full-time positions as a: FullStack, Backend Engineer/Developer, Embedded Software Developer. A Self-learner and eager to learn new and challenging Software and Hardware Development concepts.

PROJECTS

- **Line Follower Robot – 3rd** in the competition of line follower vehicles as part of my Degree's first year. Based on Arduino Uno, Software on Sketcher, with a variety of sensors (Distance, Color, IR). Built as part of a yearly (2 semesters) course in my Degree.
- **TripleS** – a comprehensive full-stack web application designed to provide a secure and reliable system for managing sensors and cameras in a home security context. The system is designed with a focus on real-time communication and data integrity. FrontEnd with React, BackEnd with ExpressJS. The system communicates with sensors and cameras using MQTT, WebRTC, and FTP protocols.
- **[Portfolio](#)** – FullStack web app Django-based, JavaScript, HTML, and CSS. All the DB models are registered to Django-Admin. The website shows all my projects. For each project, there is an overview video that shows the project.

EDUCATION

2019 - Present: Computer Engineering (B.Sc), Ruppin-Academic-Center.

- **Two Python Courses (Devops Experts & Brainnest)** – Data Structures, Assertions/Exceptions, Files (.txt only), OOP, Django Framework, Deploy with AWS. Projects: Portfolio, Chat rooms, and coding projects.
 - **Software:** C, C++, Python, Operating Systems (Linux), Software Engineering (marked 95).
 - **Hackathons:** 2 FPGA hackathons RISC-V processor for AI computational accelerator.
- 2008-2011:** Hadasim high school. Full Matriculation, Computation, and Mathematics.

ARMY SERVICE

2012-2018: Captain, Nahal brigade, IDF

- **Combat officer positions** – In charge of combat units from 40 to 130 soldiers. Improved my abilities: of talking to the audience, and dealing with extremely stressful situations.
- **Staff position** – Management skills, big projects management.

WORK EXPERIENCE

2019- Present: Math private teacher for high school 5 units math students, and first-year academic students. In this job, I improved my ability to initiate, teach and guide, even fresh materials that I learned in my degree.

LANGUAGES

Hebrew – Native

English – Business