

SHAHAR SASON

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PROFILE

B.Sc. graduate in Electrical and Computer Engineering from Ben-Gurion University, specializing in VLSI and communication. Currently a student in the RF & Microwave Engineering course at Interlligent.
I have strong analytical skills and a high ability for self-learning. I'm driven by intellectual challenges and have strong problem-solving skills.

EDUCATION

RF & Microwave Engineering course at Interlligent 2025

Including theory lessons and practical lab lessons.

B.Sc. in electrical and computer engineering at Ben Gurion University 2019 - 2024

Specializing in VLSI and communication fields.

- **My Final project** focused on compensating the chromatic dispersion of a signal passing through an optical fiber by an algorithm in Matlab. The goal was to improve the data recovering which pass through the fiber.

- **Another research work** focused on realization of quantum computing by nuclear spin addressed via nuclear magnetic resonance (NMR). This helped me understand how a qubit (the equivalent of a bit in quantum computing) is implemented by NMR.

- **Relevant Courses and labs:**

VLSI & IC Design: Integrated Circuits and Introduction to VLSI | FPGA Design for Embedded Systems | Introduction to Digital Electronic Circuits | Analog Electronic Circuits | Switch Mode DC2DC Converters (+ lab) | Physics of Semiconductor Devices

RF & Communication: Design of wireless transceivers for digital RF communications | Wireless Communication Networks | Communication lab | Machine learning and Information theory | Algorithm design

Signal Processing: Introduction to Signal Processing

EMPLOYMENT HISTORY

PC Technician at Intel Kiryat Gat under DXC Technology 2018 - 2019

Providing extensive support for computer malfunctions to employees in campus and presenting instructions for new employees about use of company computers.

Math Teacher Assistant at Ort Ronson School 2015 - 2016

Practicing and teaching students who have difficulty in mathematics and preparing for the matriculation exam.

MILITARY SERVICE

PC Technician at Central Command - Communication battalion 372 - C4I Corps 2016 - 2018

Providing extensive service and support in computer malfunctions to users while specializing extensively in the field of computers.
Promotion to team leader position.

SKILLS Quick and independent learner | Prioritize tasks and work under pressure | Diligence and attention to detail | Team player | Excellent interpersonal communication | Teach and explain

FAMILIARITY WITH DESIGN TOOLS AND PROGRAMMING LANGUAGES

Design tools : Matlab | Cadence Virtuoso | PSpice | Test equipment (scope, spectrum analyzer, multimeter) | Microsoft office

Programming languages : Verilog | Python | C | Assembly

VOLUNTEERING Math lessons for a high school student who evacuated from her home 2024

LANGUAGES

Hebrew (native) | English (fluent)