Elkana Finish

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Employment History

2022-2025:   Software Developer at Rafael.
Began as a student and continued as a full-time developer after graduating.
Developed automated simulation software to validate RF hardware components, integrating firmware and local drivers to build accurate system models that met application requirements.
Technologies and Skills: C# (.Net), WPF (MVVM), Git (Azure), OOP, Design Patterns (Singleton and more).

Education

2019-2023:   BSc in Electrical Engineering, Technion.
GPA: 80. Specializations: Computers, Networks.
Relevant courses: Digital Systems, Computer Structure, Data Structures, Object-Oriented Programming, Design and Analysis of Algorithms, Operating Systems, Computer Networks and Internet, Distributed Functional Programming.
FPGA project: vintage video game [YouTube Link].
Final project: hardware accelerator for Smith-Waterman algorithm (paused near completion due to my reserves duty during the Harvot Barzel war).
Gained extensive academic experience with kernel-level programming (C, C++, Linux) and hardware design (Quartus, RTL, SystemVerilog).

Military Service

2013-2017:   Foot soldier in the Givati Brigade (via Hesder program).

Languages

Hebrew   Native
English   Fluent