



YEHOANATAN COHEN

SOFTWARE DEVELOPER 📍 ISRAEL ☎ +972525206777

◦ DETAILS ◦

Israel
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◦ LINKS ◦

[Linkedin](#)

◦ SKILLS & TOOLS ◦

Java
Python
C
C++
SQL
Git
Windows
Linux
Mac OS X

◦ LANGUAGES ◦

Hebrew
English



PROFILE

Motivated software developer with strong foundations in object-oriented programming, algorithms, and system architecture. Experienced in Python and C, with hands-on work in real-time embedded systems and custom tooling. Passionate about game development and backend engineering, and actively building skills in engine logic, scalable code design, and server-side development. Known for fast learning, deep debugging skills, and owning complex technical challenges end-to-end.



EMPLOYMENT HISTORY

Embedded Software Engineer at REE Automotive, Herzliya

January 2025 — June 2025

Designed and developed a full embedded testing system ("Rig") from scratch, integrating communication across 5 custom hardware boards. Programmed and optimized C-based firmware to enable real-time data exchange via CAN Bus. Troubleshoot low-level hardware interactions using UDS and PCAN tools. Collaborated with hardware engineers to adapt and align software layers for seamless board-to-board operation. Demonstrated strong initiative and independent problem-solving by leading the entire development cycle — from prototyping to debugging and deployment — while simultaneously managing academic studies in Computer Science.

Data Analyst at REE Automotive, Herzliya

July 2024 — December 2024

Developed internal Python tools to automate data collection and analysis from cloud-based systems. Built interactive desktop applications using PyQt5 to visualize real-time engineering data and support decision-making across teams. Designed and maintained user-friendly GUIs that translated complex system data into clear, actionable insights. Worked closely with software and hardware teams to align data tools with operational requirements. Demonstrated fast learning and adaptability by diving into unfamiliar systems and delivering high-impact solutions in a short time frame — all while actively pursuing a Computer Science degree.



EDUCATION

Bachelor of Science: Computer Science, Open University of Israel

March 2021

High School Diploma, Leyada High School, Jerusalem

September 2008 — May 2013