AVI LEZEROVICH

Software Engineering Intern Candidate | Former IDF Commando

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Highly motivated Computer Science student at Reichman University with hands-on experience in IoT development, system optimization. Leveraging elite military background and IT infrastructure expertise to build scalable software solutions. Seeking software engineering internship to apply strong problem-solving abilities and technical skills in a dynamic environment.

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Python, Java, SQL
- **IoT & Hardware:** ESP32, Arduino, Smart Home Automation Soldering, Hardware Troubleshooting
- **Tools & Platforms:** VS Code, Linux/Unix, Git/GitHub, monday.com
- **Additional Skills:** Running Coaching, Project Management Systems

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PROJECTS

3D Printer Restoration | Hardware Engineering Project | *Present*

Salvaged and restored a discarded 3D printer through hardware troubleshooting, component replacement. Self-taught 3D printing principles, firmware configuration, and designed custom replacement parts, demonstrating reverse engineering and independent learning abilities.

Smart Home | AC Controller

Developed ESP32-based home automation system in C++ with Apple HomeKit integration. Features DHT11 temperature/humidity monitoring, infrared AC control with multiple modes, and wireless iOS device connectivity, showcasing embedded programming and IoT integration skills.

EXPERIENCE

Student IT Support Specialist | Yeda Engineering | *June 2024 – Present*

- Managed IT infrastructure and support services for a growing team
- Implemented new project management system, optimizing workflows and operational efficiency

Integration Lab Technician | ISPEAR UAV | *October 2021 – March 2024*

- Integrated and customized monday.com platform, streamlining processes and enhancing team collaboration.
- Performed repairs, soldering, and feature detection on diverse drone models.
- Collaborated with R&D team to diagnose and resolve technical issues in internal and customer products.

Combat Technology Specialist | IDF - Egoz Unit | *2018 – 2021*

- Served as a Combat Fighter, specializing in advanced drone operations and contributing to the development of key capability and resource requirements for drone systems.

EDUCATION

Bachelor of Computer Science | Reichman University | Expected: July 2026

- **Keren Or Scholarship:** Highly selective scholarship program for high-potential students from underrepresented socioeconomic backgrounds
- **Relevant Coursework**: Data Structures & Algorithms, Operating Systems, Internet of Things and Advanced programming