

# Netanel Asraf

Second-Year Computer Science Student

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## Summary:

Second-year B.Sc. student in Computer Science graduating in 2028. Participant in the "Atidim" excellence program. Seeking a student role in central or southern Israel. Basmach DevOps graduate with nearly 3 years of Full-Stack & DevOps experience in Ofek 324.

## Experience / Military:

### **2020 – 2023 | Full-Stack & DevOps Developer | Ofek 324 Unit (IAF)**

- Developed a central organizational web platform to fully digitize and automate critical service workflows across the Air Force.
- Built the supporting server-side infrastructure and maintained deployment environments across Linux servers to handle organization-wide data.
- Environment & Technologies: C#, SQL, Linux, Bash, Angular.

## Education:

### **2024 - Present | B.Sc. in Computer Science | Ben Gurion University**

- **Relevant Courses:** Data Structures (100), Logic & Set Theory (98), Systems Programming (88), Discrete Math (88)

### **2020 – 2020 | Basmach DevOps Course | Basmach - IDF School of Computer Science**

- Gained expertise in Linux Internals, Python & Bash Scripting, Network Protocols, and Container Orchestration (Docker, Kubernetes).

### **2017-2020 | High School Diploma | Begin High School, Eilat**

- Computer Science track, graduated with honors.

### **2017-2018 | Cisco Networking Academy | Neta@ (Appleseeds Academy)**

- Courses: IT Essentials and Introduction to Networks (Routing & Switching module).

## Projects:

- **DJ Track Session Manager:** Engineered a C++ audio processing engine, engineering a custom LRU cache and strict memory management for leak-free, high-performance playlist sessions. (<https://github.com/Netanel-Asraf/spl-assignment-1.git>)
- **Linear Algebra Engine:** Implemented and optimized a multithreaded Java task scheduler to compute complex mathematical expressions on shared memory without data races. (<https://github.com/Netanel-Asraf/spl-assignment-2.git>)
- **World Cup 2026 Informer:** Built a real-time STOMP messaging system, engineering a thread-safe Java server and a multithreaded C++ client for high-concurrency TCP communication. (<https://github.com/Netanel-Asraf/spl-assignment-3.git>)

## Volunteering:

### **2024 – Present | English Tutor | Community Volunteering**

- Adapted English teaching methods for children and seniors to effectively improve conversational fluency.

### **2016 – 2020 | Shift Manager & Lab Technician | FixIt lab (Neta@ - Appleseeds)**

- Managed shifts and repaired PC hardware, earning a Ministry of Education Certificate of Excellence for social involvement.

**Technical Skills:** Java, Python, C++, C#, SQL, Linux, Git.

**Languages:** Hebrew – Native | English – Full Professional Proficiency