

Yafit Avazov

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Experience:

Military - Network Manager

2020 – 2022

- Demonstrated strong problem-solving and technical skills in troubleshooting and optimizing computer systems.
- Successfully managed a team within the administrative unit, showcasing leadership and organizational abilities.
- Gained practical experience with networking protocols (TCP/IP, DNS, DHCP), providing a solid foundation for understanding API integrations.
- Received a Commander's Award for Excellence, showcasing dedication and impactful contributions.

Tutoring & Mentoring

2019 – Present

- Mentoring high school girls as part of a women empowerment program, helping them build self-confidence and achieve academic excellence.
- Tailored instructional methods to diverse needs, developing strong communication and interpersonal abilities.
- Provided personalized tutoring helping students reach academic goals while developing strong leadership, adaptability, and problem-solving skills.

Projects:

Hand Signs - Interactive Learning Platform | Software Development in AI and Computer Vision:

- An educational platform that makes learning American Sign Language (ASL) more accessible for children and families of people with hearing impairments. Using gesture recognition, computer vision, and voice feedback, it helps reduce communication barriers and supports early social integration through an engaging, personalized experience.
- **Technologies:** Python, TensorFlow, Keras, OpenCV, MediaPipe, CNN, SpeechToText, Flask, JavaScript, HTML, CSS, Git, GitHub, NumPy, Pandas, Matplotlib.

MovieLand | Full-Stack Movie Catalog System

- Developed a full-stack movie catalog application enabling users and administrators to search, manage, and explore a large movie collection.
- **Key Features:** Advanced search functionality using the KMP and Rabin-Karp string matching algorithms, full CRUD operations for movies, real-time request handling over client-server socket communication.
- **Technologies:** Java, JavaFX, Gson, MVC, Sockets, JSON, JUnit, Git.

RecoMate | Android Recommendation App

- Developed a smart Android application for sharing, searching, and saving user-generated recommendations across various categories such as restaurants, entertainment spots, and products.
- **Key Features:** Real-time comments, favorites, category filtering, multi-source data sync (Firestore & Room), image upload, and map integration.
- **Technologies:** Kotlin, MVVM, Firebase, Room, Hilt, Glide, Gson, Leaflet, Coroutines, Android Studio.

Education:

B.Sc. Computer Science, HIT Holon Institute of Technology

2022 - Present

- Accepted to excellence scholarship.

Skills:

- **Programming languages:** C, C++, C#, Python, Java, Kotlin, React.
- **Web Development:** Full Stack: RESTful API, Node.js, Express.js, Axios, JS, EJS, jQuery, HTML, CSS
- **Software Development:** OOP, algorithm development, data structures, problem-solving
- **Networking:** TCP/IP and network protocols, System Administration, Troubleshooting, Problem-solving
- **Data Analysis and Database:** Data cleaning, preprocessing, exploratory data analysis, SQL.

Languages:

Hebrew – Native speaker, English and Russian – fluent