Amit Rozen Yaker

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SUMMARY

Passionate Software Developer with a **GPA of 91** and a graduate of the "**Magshimim**" Program.
Brings **3 years of experience in leading tech projects**, and managing cross-functional teams.
Combines strong analytical thinking with a drive to create meaningful impact through technology.

EDUCATION

B.Sc in Computer Science - GPA 91 *Holon Institute of Technology*   2022 - 2025
Graduate, "Magshimim" Cyber Program *Cyber Education Center*   2016 - 2018

PROFESSIONAL EXPERIENCE

8200 Alumni Association- *Technological Coordinator*   2024 - present
> Managed two syllabuses in **Python** and **Machine Learning**, impacting over **200 students**.
> Led content development, instructor training, and full content lifecycle - from validation to
> continuous improvement, ensuring high quality through structured workflows and feedback.

Cyber Education Center –
Project Leader   2023 - 2024
> Supervising five teams across the domains of **Networking**, **AI**, and **Low-Level Systems**.
> Guiding sprints, as well as setting and achieving goals and objectives.

Programming Instructor   2022 - 2023
> Instructing high-school students in the foundational principles of programming using the C language.

J6 & Cyber Defense Directorate, IDF - *Officer of techno-operations war room*   2020 - 2022
> Led a multidisciplinary tech team in a high-pressure operational environment.
> Managed end-to-end development of complex tech systems - from concept to deployment.
> Led a project that minimized malfunctions in operational platforms, earning an excellence award.

PROJECTS *Project link embedded in the name*

Animal Adoption - Web app for real-time animal adoption.   Tech: **MongoDB, Express, React, Node.js**
ML Ship Fuel Predictor - Predict fuel use from real data.   Tech: **Python, Pandas**, Scikit-learn, Streamlit
Portfolio - Personal portfolio.   Tech: **React, Tailwind, Vite**, EmailJS
GameVault - Android app for searching games.   Tech: **Firebase, Java, RestAPI**, RecyclerView

SKILLS

- Project Management: **Jira**, **Monday**, **Git**, **Canva, Agile**, **Sprint Planning**
- Programming & Web Development: **Python**, **C**, **C++**, **HTML**, **CSS**, **JavaScript**, **React**, **Node.js**, **Express**
- Databases & Data Tools: **SQL**, **MongoDB**, **Firebase**
- Machine Learning & Data Science: **Pandas**, **Scikit-learn**, **Random Forest**, **XGBoost**, **OpenCV**, **Cursor**

VOLUNTEER EXPERIENCE

PROWOMEN *Selected for a leadership program for leading female students*   2025
QUEENB *Led events supporting female CS graduates entering tech*   2024 - 2025
Cyber Education Center *Mentored girls and teens in various software development programs*   2017 - 2018

LANGUAGES

Hebrew Native | **English** Highly proficient | **Spanish** Conversational