IDO SHENBACH

SOFTWARE DEVELOPER

CONTACT

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📍 85 Lilah St., Modi'in-Maccabim-Re'ut

in LinkedIn

GitHub GitHub

SKILLS

- **Programming Languages:** Java, Python, C#, C.
- **Web Development & Tools:** JavaScript, HTML, CSS, SQL.
- **Platforms & Frameworks:** Linux, .NET.
- **Machine Learning:** Experience in computer vision, reinforcement learning, and NLP projects.
- **Data Science:** Completed a statistics and data analysis course focused on data science.
- Passionate about data science with plans for an M.Sc in the field.

PROJECTS

- **SynthesizerApp:** Built a live synthesizer application in Java, applying Digital Signal Processing techniques.
- **HTTP-Server:** Developed a lightweight HTTP server from scratch, showcasing strong networking and server-side development skills.
- **Wordle:** Designed a Wordle-style game, integrating concepts from information theory, focusing on word filtering and entropy-based validation.
- **MazeGeneratorAndSolver**: Developed a maze generator and solver, applying algorithmic techniques and problem-solving strategies to efficiently generate and solve 2D mazes.

All and more can be found in my GitHub.

LANGUAGES

- **Hebrew** - native speaker
- **English** - fluent

ABOUT ME

Passionate about software development, with experience in machine learning, computer vision, and data science. Holds a B.Sc. in Computer Science, with strong expertise in data structures, algorithms, and system programming. Eager to gain practical experience through internships to advance in software development and contribute to the field.

EDUCATION

B.SC COMPUTER SCIENCE

International school at Reichman University   **2021 - 2024**

GPA – 87.41

Relevant Electives:
- Machine Learning
- Deep Learning and Image Understanding
- Image Processing and Analysis
- Natural Language Processing
- Reinforcement Learning
- Statistics and Data Analysis
- Computer Graphics

WORK EXPERIENCE

WEAPONS DEVELOPER

Air Force   **2016 - 2019**

- Designed, tested, and maintained advanced military weapons systems as part of a collaborative team.
- Researched and developed new weapons technologies while enhancing existing systems to support soldier effectiveness.
- Oversaw purchases from understanding unit needs and securing budgets to production, handling large financial investments.
- Led the development of a drone defense system, collaborating with Hikvision to create a "drone gun" that disrupts drone connections with operators.

SECURITY INSPECTOR

Israel Airports Authority Ltd.   **2020-2021**

- Communicated with passengers and airport personnel, utilizing strong English language skills.
- Ensured the safety and security of passengers, staff, and facilities using scanning equipment.
- Conducted searches of individuals and items to identify security threats.