

# Yarden Biton

## software developer

Afula, North District , Israel

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Third-year B.Sc. student in Information Systems at Yezreel Valley College, specializing in software development, system design, and applied AI. Proficient in Java, Python, and JavaScript, with hands-on experience building real-world projects spanning object-oriented architecture, AI agent systems, and full-stack development. Demonstrated ability to design modular, scalable systems including LLM-integrated agents with structured tool architectures and prompt engineering pipelines.

Strong foundation in software engineering principles including OOP, data structures, algorithms, testing methodologies, and clean API design. Analytical thinker with a production-oriented mindset, comfortable navigating complexity and breaking down problems into well-structured solutions.

Actively seeking a junior engineering role whether in software development or AI/applied AI where I can contribute meaningfully, grow within a professional team, and build toward a career in AI engineering.

## Employment History

**Training Commander – Iron Dome Defense System (Israeli Air Force)** (October 2017- 2019)

Training and instructing soldiers in operating advanced technological systems for air defense.

## Education

**B.Sc. in Information Systems- Yezreel Valley College (YVC)** (October 2023- Present)

## PROJECTS

**Finance MCP + AI Agent (Python, LLM Integration, Agent Architecture)**

Designed and built a modular AI agent for personal finance analysis using an MCP-style tool architecture. Implemented tools including transaction upload, categorization, monthly reporting, merchant analysis, and budget recommendations. Applied prompt engineering and structured output design with clear separation between the reasoning layer and tool execution.

**AI Summarization & Insight Agent (Python, Generative AI, LLM Workflows) Built an LLM-**

powered agent that generates structured summaries and insights from raw text. Designed prompt pipelines with response validation, context management, and iterative refinement to improve output quality and reasoning consistency.

[Yarden Biton](#)

[LinkedIn](#)

[GitHub](#)

## Portfolio

### Skills

Java

HTML, CSS

JavaScript

SQL

Python

OOP

Figma

Leadership

Analytical Thinking

Team Player

Interpersonal  
Communication

Problem Solving

Adaptability

Decision Making

## GPA – 82

### Languages

Hebrew

Native speaker

English

High proficiency

