ROM IHIA

Full-stack developer | Software Engineering Student

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GitHub: https://github.com/Romihia

LinkedIn: www.linkedin.com/in/rom-ihia

Portfolio Website: https://romihia.github.io/My-profile-landing-page/

SUMMARY

B.Sc. Software Engineering student | Full-stack developer | Proficient in C++, C, Python, Java | Strong CS foundation | Expertise in OOP, Data Structures | Analytical, team player | Passion for innovation | Security clearance level 1.

SKILLS & KNOWLEDGE

- Python
- Java
- C++
- C
- HTML
- CSS
- JavaScript
- Node.js
- Data Structures
- Object Oriented Programming
- Algorithms
- Docker
- Git
- SQLite
- PostgreSQL
- MongoDB
- FastAPI
- Open-CV
- JSON
- Design Patterns

EXPERIENCE

**Development &
Implementation of Requirements Systems**

Panda Tech Company

- Jan 2023 - Present

Led team implementing software, ensuring seamless integration, automating processes, client engagement through effective communication, fostering positive work environment..

PROJECTS

- **Vehicle Agency:**

  A **Java** system with **GUI**, **design patterns** (Memento, Abstract Factory, Observer, Decorator, Thread Pool, Singleton), **OOP**, and **thread** concurrency, providing a comprehensive solution for vehicle management.

- **Photo Server:**

  This **Python** project integrates an **SQLite database** along with **face_recognition**, **FastAPI**, and **Docker** for facial recognition and efficient image search. It delivers accurate user identification within photo collections while securely storing facial data in the database for seamless retrieval and analysis.

- **Real-time Pose Detection 3D and Sports Analysis:**

  Python system using **mediapipe**, **cv2**, numpy, pandas, and matplotlib for real-time fitness exercise analysis and feedback through live camera feed, ensuring users maintain proper form during workouts.

- **Portfolio Website (HTML/CSS/JS):**

  Crafted engaging site displaying skills, projects, and contact details. Enhanced online presence for effective interaction.

EDUCATION

- **B.Sc. in Software Engineering**
  at S.C.E academic College of Engineering   2021 – 2025

- **New media major**
  at Ort Naomi Shemer high school   2012 - 2017

  - Full diploma
  - Web Design

LANGUAGES

- Hebrew
- English - professional proficiency