Software Developer

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**Summary**

* **1 year of experience** as a **Software Developer** with a **B.Sc. in Computer Science**
* Strong foundation in **Python, .NET C#**, **C++**
* Experienced in building scalable **software solutions** and developing **machine learning models**.
* Skilled in **SQL** and frameworks and libraries such as **PyTorch, TensorFlow, Flask**, and **OpenCV.**
* Developed practical **AI solutions**, focusing on **data analysis** and **prediction.**
* Hands-on experience with **AWS** **cloud** services.
* Proficient in **deep learning,** computer vision, data analysis, and **predictive modeling**.
* Developed **Python-based APIs** using **Flask**, enabling seamless communication with databases.
* Writes clean, maintainable code following **OOP principles** and **design patterns**.

**Experience**

2023 - 2024 **Software Developer**, REISense

* **Developed Python models** and feature-driven logic to identify U.S. investment opportunities.
* Built an **API-based ingestion** layer that pulls data from an external website.
* Designed and scheduled a nightly **ETL** pipeline to fetch and save raw **JSON** to **S3**.
* Converted JSON payloads into Parquet files using **AWS** for efficient storage and downstream processing.
* Orchestrated Spark jobs on **AWS EMR** to load the Parquet data and execute the opportunity-detection logic.

**Education**

2020 - 2024 **B.Sc. in Computer Science**, The Academic College of Tel-Aviv, Yaffo

**Courses:** Python with Machine Learning (**91**), Deep Learning.   
Object-oriented programming in the .NET environment and C# language (**83**), Design Patterns (**84**).

Object-oriented programming and C++ (**85**)

**Professional skills**

Programming Languages: **Python, C, C++, C#, SQL**

Frameworks & Libraries: **OpenCV, Flask, PyTorch, TensorFlow**

Technologies & Tools: **Git, AWS, Linux**

Fields & Techniques: **Deep Learning, Machine Learning, Image Processing, NLP**

Software Engineering Concepts: **Design Patterns, OOP** - Object-Oriented Programming

**Military Service**

Military Police security unit in "The Kirya" base. Served as Duty Commander and right-hand assistant to the Military Police Security Unit Major at "The Kirya" base.

**Languages**

**Hebrew** - Native I **English & Russian** - Full Professional Proficiency