CV – Jacob Monayer

Address: Ramla , Israel

052-6156425 | jacob.monayer@gmail.com | https://github.com/jacobMonayer

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- ➢ **Software Engineer**
  Major – machine learning
- ➢ **Well known with problems solving, programming languages and engineering problems**
- ➢ **Self-learning ability, high work ethic, successful at parallel assignments completions, team player and solo worker, helping others, interpersonal skilled and great interest in Ai and machine learning**

Education:

- **2023/6 – 2023/9 :** Experis Academy , BI Development Course (3 Months – 600 Hours)
- **2019 – 2022**: B.Sc Software Engineering at "Afeka Tel Aviv Academic College of Engineering" , GPA : 80.3
- **2014 – 2017**: "Aleh" High School for Arts and Sciences, Lod. Full Bagrut course, including 5 points in the following subjects: English, Computer Science, Chemistry.

Experience:

- 2022/6 – 2022/11 : ETL Developer , Aman Group -
  Project with 'Maccabi health services ', Investigation of ETL processes at Informatica PowerCenter Platform and building specification document.
  The work involved understanding various transformations occurring within each process from source to target such as Lookup, Router, Filter, Join and SQL queries used to obtain or manipulate the data.

Skills and Knowledge:

- **Programming Languages**   Python, Java, C, SQL
- **Business Intelligence tools** DAX, SSIS, SSAS, INFORMATICA, SSMS, POWER BI
- **Libraries**   keras , TensorFlow, Pytorch, numpy , pandas
- **Operating Systems** Windows, Ubuntu
- **Paradigms** Object Oriented Programming, Functional Programming
- **Academic courses** Algorithms, Intro to machine learning, Machine learning, Neural Networks, Machine learning seminar, Deep Learning, Computer vision, Java Object Oriented, Data Structure, Design Patterns Java, Linux, Os

Projects :

- Car detection using pre-trained YOLO model (Python) – Link
- Plant Pathology 2021 - FGVC8 kaggle competition (Python) – Link
- Generate objects with threads (consumer - producer) (Java) – Link
- Final BSc engineering project (Python) - development of plant disease & deficiencies detection system - using deep learning and computer vision models

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Certificates :

- **NVIDIA DLI Certificate** - Building Video AI Applications at the Edge on Jetson Nano.
- **Informatica** - PowerCenter 10.x , Internship at Informatica development of data integration and ETL processes, Aman group .

Languages

- **Hebrew** – Native Language | **English** – Proficient | **Arabic** – Native Language .

National Service

- **2017 – 2018 : Investigation Police Central Unit "YAMAR MERKAZ"**

- **Work description :** The position required responsibility, 24/7 availability, meeting deadlines,

  analyzing and producing important information for the security of the country's citizens.

- **Letter of recommendation will be provided upon request**

Volunteering:

- Magen David Adom for 1 year