

Gal Cesana

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Location: Tel Aviv, Israel

Summary

Highly motivated and skilled computer science student seeking a challenging R&D position in software development. Proven ability to leverage programming, machine learning, and data analysis skills to contribute to impactful projects. Expertise in Python, C++, TensorFlow, and PyTorch, coupled with experience in developing data annotation tools and working in a real-world R&D environment. Eager to learn and contribute to innovative solutions.

Technical Skills

- **Languages:** Python, C, C++, Java, PostgreSQL
- **Machine Learning and Data Analysis Libraries:** TensorFlow, PyTorch, Pandas, NumPy
- **Tools:** Git, Linux, Data Annotation Tools (developed in Python)

Professional Experience

Data Annotator

SAIPS (A Ford Motor Company Subsidiary), Tel Aviv, Israel

Dec 2021 – Oct 2022

- Developed and utilized data annotation tools in collaboration with developers to label data, enabling the training of neural network models for autonomous vehicle systems.
- Gained hands-on experience with Python, data processing, and annotation for machine learning applications in a real-world R&D environment.
- Contributed to the improvement of data quality and efficiency in a fast-paced research setting.

HR Officer (Captain)

Israel Defense Forces (IDF)

Jul 2018 – May 2021

- Led the HR department for a unit of 500 personnel, managing all HR planning, data handling, and administrative tasks.
- Supervised a team of 12, developing strong teamwork and leadership skills in a fast-paced and high-responsibility setting.
- Demonstrated ability to effectively manage and organize large amounts of information and personnel, ensuring efficient operations.

Education

B.Sc. in Computer Science

The Hebrew University of Jerusalem

Expected Graduation: 2026

Projects

Machine Learning Projects

- Developed and implemented machine learning models using TensorFlow, PyTorch, Pandas, and NumPy for various applications, including image classification and data analysis.
- Gained practical experience in data preprocessing, feature engineering, and model training and evaluation techniques.
- Enhanced understanding of the application of machine learning algorithms to solve real-world problems.

Relevant Coursework

- Algorithms
- Data Structures
- Operating Systems
- Data Bases

- OOP
- Network Systems
- Software Engineering
- Introduction to Natural Language Processing
- Machine Learning Methods
- Introduction to Machine Learning