

# Polizogopoulos Thanassis

MACHINE LEARNING & COMPUTER VISION ENGINEER

Patras, Greece

☎ (+30) 6947450657 | ✉ nate.polizogo@gmail.com | 🔗 linkedin.com/in/thanassis-polizogopoulos

## Personal Profile

I am an Electrical and Computer Engineer currently working as a **Senior Machine Learning & Computer Vision Engineer** at **Irida Labs** with a strong focus on **Design and Development of Complete Vision AI Solutions**. I have in-deep knowledge of **Python, PyTorch and OpenCV**.

## Work Experience

### Irida Labs

Senior Machine Learning & Computer Vision Engineer

- CNN Model Development
- Machine Learning - Model Training
- Data Management

Patras, Greece

Sep. 2024 - PRESENT

### Irida Labs

Vision AI Solution Architect

- Design of Complete Computer Vision Solutions
- Solution Development
- CNN Model Development
- Machine Learning - Model Training
- Data Management

Patras, Greece

Sep. 2022 - Aug. 2024

### Irida Labs

Machine Learning & Computer Vision Engineer

- Machine Learning - Model Training
- Development of Complete Computer Vision Solutions
- Model Deployment on embedded platforms (e.x. Jetsons)
- Software Development
- Data Management

Patras, Greece

Sep. 2020 - Aug. 2022

### Irida Labs

Internship

- Machine Learning - Model Training
- Software Development

Patras, Greece

Jul. 2020 - Sep. 2020

## Education

### Dpt. of Electrical and Computer Engineering, University of Patras

MS in Electrical and Computer Engineering

- **Thesis:** Development and Evaluation of Reinforcement Learning techniques for Robotic Vehicles
- **Professor:** Dermatas Evangelos
- **GPA:** 7.14/10.00

Patras, Greece

2015 - PRESENT

## Skills

<b>General Skills</b>	Machine Learning, Deep Learning, Reinforcement Learning, Signal Processing, Statistical Analysis, Microprocessors (RPI/Jetson), Microcontrollers (RPI/Arduino)
<b>Programming Languages</b>	Python, C/C++, Bash, MatLab, Java, LabView, Prolog, Assembly, LaTeX
<b>Frameworks</b>	PyTorch, OpenCV, TensorRT, OpenMP, TensorFlow, Scikit-Learn, CUDA, FastAPI, MongoDB
<b>Tools</b>	Git, DVC, Docker, VS Code, Eclipse, Webots
<b>Operating Systems</b>	Linux/Unix, Windows
<b>Languages</b>	Greek, English (Fluent)

## Projects

### Kalman filtering for control systems using MATLAB

ECE Dpt.  
University of Patras

2020

### Implementation of various Pattern Recognition and AI Algorithms in plain C / Single And Parallel Optimization

ECE Dpt.  
University of Patras

Algorithms

2019

- Perceptron, K Means, Neural Networks, Ant Colony, Genetic algorithms

## Interests

---

**Research** Machine Learning, Optimization techniques, AI, Control Systems, Robotics, Computer Vision  
**Hobbies** Audiophile, Vinyl Collector/DJ, PC Builder, Gamer, Movies, Traveler