



# Thodoris Lympelopoulos

(+30) 6949 073 308 · Athens, Greece

[thodoris.lympelopoulos@gmail.com](mailto:thodoris.lympelopoulos@gmail.com)

## MACHINE LEARNING ENGINEER

My expertise and research interests lie in Computer Vision and Explainable AI (XAI). Leveraging these interests, I have tackled diverse AI challenges across different industries. I have tested and modified various architectures, applying AI in real-world scenarios from user clustering in social network analysis to biofouling management in the shipping industry.

## PROFESSIONAL EXPERIENCE

Athens Technology Center

**Software Engineer**

8 months (2020 - 2021)

Worked on European Projects with collaborators across Europe, focusing on Social Network Analysis, Text and Sentiment Analysis, and Explainable AI in Healthcare.

Seaquest Marine Technologies

**Machine Learning Engineer**

1 year & 4 months (2023 - 2024)

Addressed different challenges in the naval industry, focusing on ship route optimization and biofouling accumulation.

## EDUCATION

BACHELORS  
MATHEMATICS

NKUA  
2016-2020

GRADE:

Excellent (8.82/10)

MSc  
MACHINE LEARNING

GRADE:

NTUA  
2021-2023

Excellent (9.39/10)

## RESEARCH

During my one-year MSc research thesis, I focused on Explainable AI (XAI). This work contributed to the foundational development of XAI, furthered key concepts, and paved the way for improving various techniques.

## SKILLS & INTERESTS

- Python, Java, Matlab, R
- Pytorch, Tensorflow, D2L
- Physics, Biology, History
- Software Engineering, Operating Systems

## LANGUAGES

Greek (native speaker), English (C1), French (C1).