

Konstantinos Mavrodīs

Professional Profile

Highly skilled and detail-oriented Field Engineer with a strong educational background in Information and Communication System Engineering and a specialization in Internet of Things (IoT). Demonstrates proficiency in machine learning, data science, and optimization algorithms, with a proven track record of applying advanced machine learning techniques to resource management in wireless networks.

Professional Experience

Field Engineer

University of Aegean | Sep 2022 – May 2024

- Contributed to projects focusing on the optimization of network systems using advanced data analytics.
- Led a team in the implementation of real-time communication systems, enhancing network reliability and performance.

Education

Master's Degree in Internet of Things: Intelligent Environments in Next Generation Networks

University of Aegean

Specialized in the application of IoT technologies in modern networking environments.

Engineer's Degree in Information and Communication System Engineering

University of Aegean | Grade: 7.3/10

Focused on the development of foundational skills in information systems and network engineering.

Dissertation: Resource Management in Wireless Networks Using Machine Learning Algorithms

Grade: 10/10

Developed and simulated efficient machine learning algorithms (KNN, SVR, RF, ANN) for optimizing wireless network resources.

Certifications

Certificate of Attendance in Global Optimization Methods

Aristotle University of Thessaloniki

Covered theories, techniques, and MATLAB simulations related to global optimization methods.

LabSTADA meets fossagean: staRters

Laboratory of Statistics and Data Analysis

Introduce to MATLAB & Using MATLAB with Python

MathWorks

Grow Tourism Online

Google

Basic Life Support (BLS)

EUROPEAN RESUSCITATION COUNCIL

Technical Skills

Programming Languages: Python, C, C++, MATLAB, SQL, JAVA, PHP, R

Fields of Expertise: Machine Learning, Data Science, Artificial Intelligence, Optimization Algorithms

Languages

Greek: Native

English: Advanced

Professional Development

Actively engaged in continuous learning through professional workshops and seminars in machine learning and data optimization.

Member of the board of the IEEE branch at the University of the Aegean. (May 23 – May 24)