



# PANOS MAVROUDIS

AI Engineer-Data Analyst  
(In progress)

## CONTACT

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### Research Interests

- Large Language Models
- Data Journalism
- Game Theory
- Politics-Economics

## LANGUAGE

- Greek (Native)
- English (Fluent)

### Relevant Courses

- Introduction to ML
- Statistics
- Mathematical Introduction to AI
- Microeconomics, Macroeconomics
- Introduction to Deep Learning
- Algorithm Design and Analysis

## ABOUT ME

Applied Researcher leveraging strong foundational skills in mathematics, statistics, and programming to solve complex problems across "hard" and "soft" sciences. Employs a holistic, quantitative approach with a focus on ethical AI development and real-world scalability.

## PROFESSIONAL EXPERIENCE

### Zone01 Scholarship July 24

After a month of everyday programming challenges I got recognized as a programming talent and got the Zone01 scholarship!

### Digital Governance Unit UoC (Junior AI Engineer) 25-26

Key first professional role in a collaborative team, focusing on real-world problem-solving and fostering professional confidence. Gained essential experience in teamwork and continuous development.

## GENERAL EXPERIENCE

### UniAi Makeathon (contest of innovation and AI) May 24

- Athens Planetarium

My team and I developed a functional AI agent that transforms raw data into insightful graphs. This intense two-day challenge uncovered hidden strengths, such as leadership and time management skills.

<b><u>HIAS Summer School in AI</u></b> <ul style="list-style-type: none"><li>Demokritus RC July 24 Athens</li></ul>	<b><u>Digital World Summit Greece: Shaping the Future of AI</u></b> <ul style="list-style-type: none"><li>NHRF Athens May 24</li></ul>
<b><u>TwinODIS 1st Summer School</u></b> <ul style="list-style-type: none"><li>FORTH-ICS, Oct. 25 Heraklion</li></ul>	<b><u>Volunteer at Researchers' Night</u></b> <ul style="list-style-type: none"><li>FORTH-ICS, Sept. 25 Heraklion</li></ul>
<b><u>Erasmus + Program</u></b> <ul style="list-style-type: none"><li>Berlin, Marseille, 23-24 Thessaloniki</li></ul>	<b><u>Volunteer at FOSSCOMM</u></b> <ul style="list-style-type: none"><li>Computer Science Oct. 23 Department UoC</li></ul>

## EDUCATION

**Art School of Thessaloniki**  
Diploma in Theatre

**University of Crete**  
Bachelor's in Applied Mathematics

### TECHNICAL CERTIFICATES

- AI Academy EITCA**  
Google Cloud AI Platform
- Fintech-Workearly**  
Data science for Finance
- Short Program-Diploma in Digital Humanities at UoC**  
(Ongoing)

## PROJECTS

### Odysseus Elytis NN Model

Odysseus Elytis NN Model: Fine-tuned an LLM with the work of Nobel laureate Odysseas Elytis to generate specialized Greek literary output. Leveraged project as a template for GCP cloud experience.

### Scania Trucks Failure Prediction

Applied regression and machine learning algorithms to solve a practical challenge involving truck failure prediction using a public dataset.

### Political Analysis Pipeline

Political Analysis Pipeline: Developed a pipeline to analyze political questions using programming and data science. Demonstrated application of ethical solutions to real-world political data.