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## Marios Vottas

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**Data Scientist** with a strong interest in **NLP** and **Generative AI**. Combines AI and analytics expertise with a collaborative, team-oriented mindset to deliver impactful solutions. Passionate about driving **innovation** through new technologies.

### Experience

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#### Alpha Bank

Data Scientist Oct '23 – Present

- Innovated by Installing the first local zero-cost Llama-based LLM in IBM's CP4D in Greece.
- Designed and implemented an automated reporting system enabling weekly customer complaint insights for C-Level executives and quarterly reporting to the Executive Committee (ExCo).
- Migrated, automated and currently maintaining in a cloud infrastructure, 20+ production-level ML models.

#### NCSR Demokritos

Independent Researcher Jan '25 – Present

- Publishing peer to peer reviewed research on drug-drug interactions related to lung cancer.

#### IntTrust S.A.

Business Intelligence Engineer Jul '23 – Sep '23

- Assisted in the development of the Data Warehouse of Credia Bank (prev. Attica Bank).
- Assisted in the development of a PowerBI report for water monitoring of Metlen's White Houses.

#### Greek Military

Research and Informatics Soldier Sep '22 – Jun '23

- Helpdesk and Sysadmin duties for a military Brigade and a Military Hospital
- Trained doctors and nurses on a new clinical software system during beta testing, supporting the hospital's digital transformation and the nationwide modernization of the healthcare system.

### Education

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#### University of Piraeus

MBA Full-time Sep '25 - Present

Elected Vice-President of the class.

Courses in: Strategy, Finance, Operations, Digital Transformation, Marketing

#### NCSR Demokritos & University of Peloponnese

MSc in Data Science Sep '21- Dec '24

Thesis: Drug-Drug Interaction Multiclass Prediction on Biomedical Literature Knowledge Graphs

Courses in: Deep Learning, Machine Learning, NoSQL/SQL, AI Ethics

#### University of Peloponnese

BSc in Informatics and Telecommunications Sep '16 – Sep '21

Thesis: Maritime Data Collection and Storage System

Courses in: Python, Databases, Data Mining, Data Structures, C

### Skills

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- **Technical:** LLM, Python, Neural Networks, SQL and NoSQL
- **Soft:** Teamwork, Problem Solving, Adaptability, Leadership, Critical thinking