Nikolaos Oikonomou

Heraklion, Greece, 71305
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Education

M.Sc. in Informatics Engineering **Oct 2023 – Nov 2025**
School of Engineering, Department of Electrical & Computer Engineering
Hellenic Mediterranean University *Heraklion, Greece*
***Grade**: 9.64/10*
***Specialization**: Intelligent Systems and Computer Architecture*

B.Sc. in Informatics Engineering **Oct 2017 – Mar 2023**
School of Engineering, Department of Electrical & Computer Engineering
Hellenic Mediterranean University *Heraklion, Greece*
***Grade**: 7.68/10*
***Specialization**: Software Engineer*

Training & Upskilling

Reception Services and Digital Skills **Jun 2025 – Aug 2025**
GlobalCert - ΔΥΠΑ *(Remote)*

Projects

Master Thesis **Dec 2024 – Nov 2025**

Thesis: ”Development and Optimization of AI Models based on Medical Images”

Grade: 10/10

Bachelor Thesis **Oct 2021 – Dec 2022**

Thesis: ” Multi-omics analysis of genomic data for the classification of glioblastoma samples”

Grade: 10/10

Publications

1. **N. Oikonomou**, G. Kalliatakis, M. Tsiknakis, and K. Marias, “Harmonization strategies in multi-centric and multi-vendor prostate MRI and their impact on deep learning models’ generalization ability,” Morressier, Sep. 2025, doi: 10.26226/m.686249b901453d0e51433f2e.
2. G. Vassiliou et al., “ULYSSES: Automated FreqUentLY ASked QueStions for KnowlEdge GraphS,” Applied Sciences, vol. 14, no. 17, pp. 7640–7640, Aug. 2024, doi: https://doi.org/10.3390/app14177640.
3. “Sentiment Analysis in Greek Clinical Conversations: A Comparative study of BERT, VADER, and Lexicon approaches,” IEEE Conference Publication | IEEE Xplore, Dec. 05, 2023. https://ieeexplore.ieee.org/document/10385833
4. “Deep learning-based detection of Greek locations and landmarks: A qualitative analysis of weakly supervised classification and supervised detection,” IEEE Conference Publication | IEEE Xplore, Oct. 14, 2023. https://ieeexplore.ieee.org/document/10475872
5. E. Trivizakis et al., “LoockMe: an ever evolving artificial intelligence platform for location scouting in Greece,” in Communications in computer and information science, 2023, pp. 315–327. doi: 10.1007/978-3-031-34204-2_27.

Digital Skills

Programming Languages: Python, C

Machine Learning Frameworks: TensorFlow, PyTorch

Operating Systems: Windows, Linux

Web Development: HTML, CSS, JS, MySQL

Microsoft Office: Word, Excel, PowerPoint

Computer Maintenance & Support

Languages

Greek: ●●●● Native
English: ●●●● Proficiency

Soft Skills

Responsibility
Communication
Flexibility
Appetite for learning
Adaptability
Research
Teamwork & Collaboration

Certifications

Certification of Attendance (EuSoMII Annual Meeting 2025 10 & 11 October 2025 Heraklion - Crete) | *EuSoMII, 2025*

Author Workshop: How to publish your article OA under the transformative agreement- Computer Science Journals | *Springer Nature, 2023*

Data Science and Applied Machine Learning with Python | *Mathesis@Crete University Press, 2023*

Computer Vision | *Kaggle, 2023*

Data Analysis with Python | *freeCodeCamp, 2023*

Machine & Deep Learning | *Simplilearn, 2022*

Intro to Deep Learning, Data Cleaning, Data Visualization, Intro to Machine Learning, Python | *Kaggle, 2022*