

KONSTANTINOS KALAITZIDIS

MACHINE LEARNING ENGINEER

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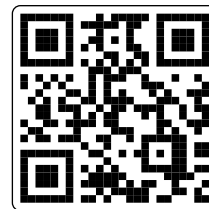
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EXPERIENCE

Research Assistant *Dept. of Global Public Health, Karolinska Institute*

Apr '25 - Present

Responsibilities Evaluation and validation of novel statistical methods.

Stockholm (Solna), Sweden

Mountain Raider / IT Team Lead *Greek Army Special Forces*

Sep '23 - Jun '24

Mandatory Service Supervising IT processes in the Joint Special Operations Command.

Greece & Cyprus

Machine Learning Intern *Dept. of Neuroscience, Karolinska Institute*

Feb '22 - Jul '23

Responsibilities Developed Python-based DL tools to analyse animal behaviour

Stockholm (Solna), Sweden

Data Intern *Kry International AB*

Jun '22 - Aug '22

Responsibilities Created ReactJS-based frontend interfaces for doctors

Stockholm, Sweden

IT Intern *Consulate General of Greece in New York*

Nov '20 - May '21

Responsibilities Created a digital tool to organize and archive all passport information

NYC, NY, United States

Lead Organizer & Curator *TEDxUTHLarissa*

Sep '19 - Sep '20

Responsibilities Led the development of the university's largest annual event

Larissa, Greece

PUBLICATIONS

1. Elsevier *Computers in Biology and Medicine* [IF 7.0]

1 August 2025

The stereotactic radiosurgery-brain prognostic index (SRS-BPI): A novel prognostic index for SRS-eligible lung cancer patients with brain metastases. [↗](#) A. Koulouris, M. Skribek, C. Kamali, O. Grundberg, M. Gubanski, K. Kalaitzidis, E. Lampa, P. Hydbring, S. Ekman, G. Tsakonas

EDUCATION

Karolinska Institute *Dept. of Learning, Informatics, Management, and Ethics*

Sep '21 - Jun '23

Master of Medical Science & Master of Science in Health Informatics 120 ECTS

Stockholm (Solna), Sweden

Thesis *Behavior Prediction From Calcium Imaging Using Convolutional Neural Networks*

University College Dublin (UCD) *School of Computer Science*

Sep '18 - Mar '19

Exchange Studies (Erasmus+ Programme)

Dublin, Ireland

University of Thessaly (UTH) *Department of Digital Systems*

Sep '16- Jun '21

Bachelor of Applied Sciences in Computer Science 240 ECTS

Larissa, Greece

COMPETENCIES

Programming Languages: Python, R, SQL, Java, JavaScript (React.js)
Libraries & Packages: TensorFlow, PyTorch, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, OpenCV, SciPy
VCS and IDEs: Git, GitHub, VS Code, Jupyter Lab, Google Colab, Spyder, RStudio

CERTIFICATIONS & COURSES

Applied Artificial Intelligence (AI) in Healthcare Karolinska Institutet	Jan '25 - Jun '25 Course
Machine Learning Stanford University & DeepLearning.AI	Dec '24 - Apr '25 Coursera Specialisation
Single-cell and spatial transcriptomics data analysis KTH Royal Institute of Technology	Dec '22 - Feb '23 Course