

KONSTANTINOS KALAITZIDIS

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in LinkedIn Website

SUMMARY

Machine Learning Engineer with a BSc in Computer Science and MSc in Health Informatics. Proficient in Python for ML model development in high-performance systems. Previously, building deep learning models for image analysis pipelines.

Formerly: Kry, Karolinska, SU, TEDx, ABC Labs

EXPERIENCE

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|---|---------------------------|
| Research Assistant <i>Dept. of Global Public Health, Karolinska Institute</i> | Apr '25 - Present |
| Responsibilities Evaluation and validation of novel statistical methods. | Stockholm (Solna), Sweden |
| IT Team Lead – Informatics Office <i>Greek Army Special Forces</i> | Sep '23 - Jun '24 |
| Mandatory Service Supervising IT processes in the Joint Special Operations Command. | Greece & Cyprus |
| Machine Learning Intern <i>Dept. of Neuroscience, Karolinska Institute</i> | Feb '22 - Jul '23 |
| Responsibilities Developed Python-based DL tools to analyse animal behaviour | Stockholm (Solna), Sweden |
| Data Intern <i>Kry International AB</i> | Jun '22 - Aug '22 |
| Responsibilities Created ReactJS-based frontend interfaces for doctors | Stockholm, Sweden |
| IT Intern <i>Consulate General of Greece in New York</i> | Nov '20 - May '21 |
| Responsibilities Created a digital tool to organize and archive all passport information | NYC, NY, United States |
| Lead Organizer & Curator <i>TEDxUTHLarissa</i> | Sep '19 - Sep '20 |
| Responsibilities Led the development of the university's largest annual event | 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

EDUCATION

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|---|---------------------------|
| Karolinska Institute <i>Dept. of Learning, Informatics, Management, and Ethics</i> | Sep '21 - Jun '23 |
| Master of Medical Science & Master of Science in Health Informatics 120 ECTS | Stockholm (Solna), Sweden |
| Thesis <i>Behavior Prediction From Calcium Imaging Using Convolutional Neural Networks</i> | |
| University College Dublin (UCD) <i>School of Computer Science</i> | Sep '18 - Mar '19 |
| Exchange Studies (Erasmus+ Programme) | Dublin, Ireland |
| University of Thessaly (UTH) <i>Department of Digital Systems</i> | Sep '16- Jun '21 |
| Bachelor of Applied Sciences in Computer Science 240 ECTS | Larissa, Greece |

CERTIFICATIONS & COURSES

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