

# KONSTANTINOS KALAITZIDIS

📍 STOCKHOLM, SWEDEN

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🐙 GitHub Scholar

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

## EDUCATION

<b>Karolinska Institute</b>	<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	Behavior Prediction From Calcium Imaging Using Convolutional Neural Networks	
<b>University College Dublin (UCD)</b>	<i>School of Computer Science</i>	Sep '18 - Mar '19
Exchange Studies (Erasmus+ Programme)		Dublin, Ireland
<b>University of Thessaly (UTH)</b>	<i>Department of Digital Systems</i>	Sep '16- Jun '21
Bachelor of Applied Sciences in Computer Science	240 ECTS	Larissa, Greece

## EXPERIENCE

<b>Research Assistant</b>	<i>Dept. of Global Public Health, Karolinska Institute</i>	Apr '25 - Present
Responsibilities	Evaluation and validation of novel statistical methods.	Stockholm (Solna), Sweden
<b>IT Team Lead – Informatics Office</b>	<i>Greek Army Special Forces</i>	Sep '23 - Jun '24
Mandatory Service	Supervising IT processes in the Joint Special Operations Command.	Greece & Cyprus
<b>Machine Learning Intern</b>	<i>Dept. of Neuroscience, Karolinska Institute</i>	Feb '22 - Jul '23
Responsibilities	Developed Python-based DL tools to analyse animal behaviour	Stockholm (Solna), Sweden
<b>Data Intern</b>	<i>Kry International AB</i>	Jun '22 - Aug '22
Responsibilities	Created ReactJS-based frontend interfaces for doctors	Stockholm, Sweden
<b>IT Intern</b>	<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
<b>Lead Organizer &amp; Curator</b>	<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