

# KYROS Georgios

## Personal Information

DATE - PLACE OF BIRTH: 02 May 1995 in Kozani, Greece  
PROFESSION: IT Data Analyst  
PROFESSIONAL ADDRESS: Krokos, Kozani 50010  
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## Academic Qualifications

2014 - 2018: B.Sc in Computer Science. Aristotle University of Thessaloniki  
(Auth).

2020 - 2021: Web Developer, National & Kapodistrian University of Athens.

2020 - 2023: M.Sc “Web Intelligence” of International Hellenic University (IHU).

## Professional Experience

- 2018 - 2019: System Administrator, Hellenic Army / Military School 4<sup>th</sup> Army Corp Xanthi, Greece.
  - Resolved network related problems and provided in-situ technical support for all military staff
  - Upgraded and configured Cisco network equipment (routers & switches) ○ Troubleshooted and repaired specially configured computers (hardware & software)
  - Improved network and system processes that resulted in significant time saving and efficiency
  - Authored technical documentation to guide and train the new recruits
- 2019 - 2020: Web Developer, Stravon Weather Services, Ptolemaida, Greece
  - Crawling, scraping and analysis of meteorological data ○ Plotting diagrams, charts and geospatial maps of meteorological data ○ Developing a new e-shop with Wordpress and front-end tools : [meteomarket.gr](http://meteomarket.gr) ○ Social Media Management
  - Office Administrator and Sales Prespective at TIF HELEXPO – Agrotica 2018 – 2020
- 2021 - today: Jr IT & Data analyst, National Observatory of Athens/[meteo.gr](http://meteo.gr)
- 2022 - today: Data analyst, WWF Greece in Collaboration with [climatebook.gr](http://climatebook.gr)

## Areas of expertise

Data analysis, data scraping, data crawling, scripts, machine learning, data visualization, statistics, geospatial visualization, map production, web development.

## Programming Languages

C, C++, JAVA, python, R, php, html, css, javascript, SQL, ncl, bash script

## Software

Photoshop, illustrator, premiere, QGIS, Arcgis, Pycharm, MS office, linux, overleaf

## Accomplishments

Languages:	English, Greek (native)
Thesis B.Sc:	Detection and statistical analysis of skills from raw text job ads in the IT field.
Thesis M.Sc:	A Machine Learning Approach for Rainfall Nowcasting Using Numerical Model and Observational Data
ReGeneration finalist:	Academy on Cloud Tools & Technology, powered by Microsoft.
M.Sc Projects:	Detect Pneumonia from X-ray images MachineLearning with Python  EventWorld: EventWorld is a web application based on PHP and in particular its Framework Laravel.
Licenses/Certifications	Coursera: <ul style="list-style-type: none"><li>• Machine Learning for All</li><li>• Responsive Website Basics Code with HTML, CSS, and JavaScript</li><li>• SQL for Data Science</li></ul>

## International Conferences and Workshops

1. **Kyros, G.**; Manolas, I.; Diamantaras, K.; Dafis, S.; Lagouvardos, K. A Machine Learning Approach for Rainfall Nowcasting Using Numerical Model and Observational Data. Environ. Sci. Proc. 2023, 26, 11. <https://doi.org/10.3390/environsciproc2023026011>
2. Dravilas, I.; Dafis, S.; **Kyros, G.**; Lagouvardos, K.; Koubarakis, M. Towards a Machine Learning Snowfall Retrieval Algorithm for GPM-IMERG. Environ. Sci. Proc. 2023, 26, 103. <https://doi.org/10.3390/environsciproc2023026103>

3. Masloumidis, I.; Dafis, S.; **Kyros, G.**; Lagouvardos, K. Snow Depth Trends of European Ski Resorts. Environ. Sci. Proc. 2023, 26, 16.  
<https://doi.org/10.3390/environsciproc2023026016>
4. Examination of the potential of estimation of near surface air temperature using satellite and topography data (2023). A. Karagiannidis, **G. Kyros**, K. Lagouvardos and V. Kotroni. EUMETSAT Meteorological Conference, September 2023, Malmö, Sweden.