

# Georgia Christofidi

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## EDUCATION

### IMDEA Software Institute

OCTOBER 2022 - PRESENT

- PhD in Software, Systems and Computing.
- Specialization: Machine Learning for Systems.

### National Technical University of Athens, Electrical & Computer Engineering

SEPTEMBER 2017 - SEPTEMBER 2022

- Bachelor's and Integrated Master's Degree (300 ECTS).
- Specialization: Machine Learning, Computer Systems, Biomedical Engineering. GPA: 8.38/10.

## PUBLICATIONS

### Is Machine Learning Necessary for Cloud Resource Usage Forecasting?

Georgia Christofidi, Konstantinos Papaioannou, and Thaleia Dimitra Doudali.

In 14th Symposium on Cloud Computing (ACM SoCC'23), October 30 - November 1, 2023, Santa Cruz, California.

### Toward Pattern-based Model Selection for Cloud Resource Forecasting.

Georgia Christofidi, Konstantinos Papaioannou, and Thaleia Dimitra Doudali.

In Proceedings of the 3rd Workshop on Machine Learning and Systems (EuroMLSys '23). In conjunction with the 2023 European Conference on Computer Systems (EuroSys '23).

## PROFESSIONAL EXPERIENCE

### National Observatory of Athens (NOA)

JANUARY 2022 - SEPTEMBER 2022

- Master's Thesis and Full-time Internship, under the supervision of the **European Space Agency (ESA)**.
- Java software development for Detection, Image Analysis and Pattern Recognition of Lunar Impact Flashes.

## PROFESSIONAL SERVICE

### Artifact Evaluation Committee Member

- 29th Architectural Support for Programming Languages and Operating Systems (ASPLOS 2024)
- 19th European Conference on Computer Systems (EuroSys'24 AE)
- 18th European Conference on Computer Systems (EuroSys'23 AE Fall)
- 6th Conference on Machine Learning and Systems (MLSys 2023)

## TRAINING

**Deep Learning and Computer Vision Summer School** (JUNE 2023 - GENOVA)

**Artificial Intelligence Summer School 2023** (JULY 2023 - VIENNA)

**Lambraki Institution, Online — Womentors** (OCTOBER 2020 - MAY 2021)

Promoting and safeguarding democratic procedures, active citizenship and human rights. Enforcing women in STEM.

## TALKS

**GEC '23 – 5th Summit on Gender Equality in Computing:** Poster Presentation on Cloud Resource Forecasting (Athens University of Economics and Business).

**Feminine Innovation: Women in Montegancedo event:** Talk about AI to primary school students (Universidad Politécnica de Madrid).

**Fireballs Workshop #03 on Fireball Databases and Machine Learning:** Detailed presentation and hands-on demonstration of the software developed during the activity at NOA (University of Glasgow).

## SKILLS

**Programming Languages:** C, C++, Java, Python, R, SQL.

**Other Technologies:** Tensorflow, Pytorch, Scikit-learn, OpenCV.

## LANGUAGES

- **Greek:** Native
- **English:** C2
- **Spanish:** C1
- **French:** B2
- **German:** B1