

# Katerina Kiourtzidou

MSc Graduate

Currently, seeking job opportunities to gain experience in research and industries.



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📍 Nicosia, Cyprus

📅 05 January, 1996

## EDUCATION

### Physics Degree

Aristotle University of Thessaloniki

10/2014 - 01/2020

Thessaloniki, Greece

### MSc Nanoscale Engineering

University of Lyon

09/2020 - 09/2022

Lyon, France

### Python 3 Developer

ZTM Academy

2023

Neuchatel, Switzerland

Courses

- Data science, Automation, APIs, Web scraping, Machine learning etc.

### Web Developer

ZTM Academy

02/2023 - Present

Nicosia, Cyprus

Courses

- HTML, CSS, Javascript, React, Node.js, Machine Learning & more.

## LABORATORY EXPERIENCE

### Erasmus+ Intern

INSA Lyon

10/2019 - 04/2020

MATEIS

Lyon, France

Objective:

- Molecular dynamic simulations of SiO<sub>2</sub> nanowires.

### Intern

University Claude Bernard Lyon 1

01/2020 - 02/2020

ILM

Lyon, France

Objective:

- Graphene origami.

### Intern

University Claude Bernard Lyon 1

05/2020 - 07/2020

LMI

Lyon, France

Objective:

- Electrospinning's jet deviation + 3D printing.

### Master Thesis Intern

CSEM SA

03/2022 - 08/2022

Neuchatel, Switzerland

Objective:

- Development and characterization of Molecular Imprinted Polymers (MIPs) based sensors.

## SKILLS

AFM

Ms Office

Mathematica

Origin

Python 3

RStudio

MatLab

LAMMPS

Ovito

Gwyddion

ImageJ

EIS

PalmSens

## CERTIFICATES

ECPE - Certificate of Proficiency in English  
(05/2019 - Present)

Python 3 Developer (01/2023 - 02/2023)

## LANGUAGES

Greek

Native or Bilingual Proficiency

English

Full Professional Proficiency

Russian

Professional Working Proficiency

## INTERESTS

R&D / Science / Nanotechnology

Physics

Nano-Optics / Nano-photonics

Semiconductors / Lasers

Quantum Physics