



Nikolaos Loukas

Material Scientist

Graduate of the Department of Materials Science of the University of Patras and graduate of the Postgraduate Diploma in Materials Science and Technology of the National Technical University of Athens

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EDUCATIONAL BACKGROUND

MSc in "Materials Science and Technology"

National Technical University of Athens

10/2020 - 21/03/2023, Athens, Greece

Grade: 9.00

Diploma Thesis: "Monitoring of the process of separation and recovery of scandium from an industrial by-product through advanced analysis physical methods"

Bachelor's Degree in Materials Science

University of Patras

09/2012 - 12/2020, Patras, Greece

Grade: 9.00

Diploma Thesis: "Study of electrical conductivity and photoconductivity of zinc oxide (ZnO) thin films"

PROFESSIONAL EXPERIENCE

Junior Researcher - Grade C Researcher

Laboratory of Process Design and Analysis, School of Chemical Engineering - National Technical University of Athens

01/07/2023 - today, Athens, Greece

Participation in research projects: "PRIMESOFT: DEVELOPMENT OF INNOVATIVE PRIMING TECHNOLOGIES SAFEGUARDING YIELD SECURITY IN SOFT FRUIT CROPS THROUGH A CUTTING-EDGE TECHNOLOGICAL APPROACH TYPE IN THE DESIGN PROCESS"

Bar Manager

School Pizza Bar

10/2021 - 30/05/2023, Athens, Greece

Barista

Achinos Beach Bar

06/2021 - 09/2022, Athens, Greece

Barista

TerraRossa

07/2020 - 09/2020, Patras, Greece

Production Leader

Playhouse Patras

09/2019 - 03/2020, Patras, Greece

Barista

TerraRossa

07/2019 - 09/2019, Patras, Greece

Barista

Coffee Island

01/2019 - 06/2019, Patras, Greece

General Management Manager

Bourbon Microroasters

03/2018 - 12/2018, Patras, Greece

Barista

Coffee Island

07/2017 - 01/2018, Athens, Greece

Barista - Production Manager

Retro Coffee

09/2013 - 05/2016, Patras, Greece

HARD SKILLS

- IT SKILLS - MS Windows, Mac OS, Fortran, Mathematica, Origin Pro
- Use of X-ray diffractometer (Bruker D8 Advance), Dynamic Mechanical Analysis (DMA)
- Differential Scanning Calorimetry (DSC)
- Experiment conduction in an inert atmosphere chamber (PureLab Glovebox)
- Usage of Rockwell sclerometer (SHR-150M model)

SOFT SKILLS

- Communication, Organization, Time management, Analytical thinking, Attention to detail, Team spirit, Creativity, Problem solving, Flexibility, etc.

SEMINARS

- XXXIV Panhellenic Conference on Solid State Physics and Materials Science (09/2019)
Patras, Greece
- 12th Panhellenic Scientific Conference on Chemical Engineering (05/2019)
Athens, Greece
- 12th Hellenic Polymer Society International Conference (09/2018 - 10/2018)
Ioannina, Greece