



Nikolaos Lavdakis

📍 Home : 59200, Naousa, Greece

✉ Email: nlavdakis@noa.gr ☎ Phone: (+30) 6975835885

📅 Date of birth: 17/04/1992 🇬🇷 Nationality: Greek

WORK EXPERIENCE

[13/11/2023 – Current] **Data Scientist in Consulting**

PwC

City: remote

Energy Industry | Member of Analytics and AI Hub

- Data Visualization

- ML/AI

- Data Processing

[01/01/2024 – Current] **Assistan Resercher**

National Observatory of Athens

City: Athens

Institute for Environmental Research and Sustainable Development:

- PV applications

- Digital Twins for Urban Areas

- Solar Irradiation Estimations

[01/01/2023 – 31/12/2023] **Assistant Teacher**

National and Kapodistrian University of Athens

City: Athens

EDUCATION AND TRAINING

[23/10/2024 – Current] **PhD Canditate for Smart Urban Ecosystems**

National Technical University of Athens <https://www.survey.ntua.gr/el/>

City: Athens | **Country:** Greece | **Level in EQF:** EQF level 8

[01/10/2022 – 12/07/2024] **Master's in Computer Science**

National and Kapodistrian University of Athens <https://www.di.uoa.gr/cs>

City: Athens | **Level in EQF:** EQF level 7

[10/09/2010 – 01/02/2020] **Bachelor of Science in Physics**

Aristotle University of Thessaloniki<https://www.physics.auth.gr/en/>

City: Thessaloniki | **Country:** Greece | **Level in EQF:** EQF level 6

LANGUAGE SKILLS

Mother tongue(s): Greek

Other language(s):

English

LISTENING C2 READING C2 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

My Digital Skills

Microsoft Office | Python | Tableau | ML/AI | SQL

PUBLICATIONS

[2024] [Sunrise Strategies: Maximizing Solar Energy Yields Amidst Environmental Variabilities in Egypt](#)

Reference: Conference paper IEEE | IGARSS 2024

[2024] [Ray-Tracing modeling for urban photovoltaic energy planning and management](#)

Reference: Applied Energy | Volume 369 | Elsevier