



# Christina Panagiota Malliou

**ID:** A00009950 **Nationality:** Greek **Date of birth:** 19/12/1989 **Place of birth:** Athina Attikis, Greece

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## WORK EXPERIENCE

**RENEL I.K.E** – Thessaloniki, Greece

City: Thessaloniki | Country: Greece

### EU Project Development and Implementation Officer

[ 04/09/2023 – Current ]

- \* Monitoring and mapping European and National research funding opportunities.
- \* Consortium building and concept note drafting.
- \* Proposal preparation (technical/scientific writing and administrative management).
- \* Budget distribution and budget allocation.
- \* Writing and reviewing reports, deliverables and product documentation.
- \* Monitoring deadlines, costs, scope and resources.
- \* Leading day-to-day project activities.

**SEEMS P.C.** – Thessaloniki, Greece

City: Thessaloniki | Country: Greece

### Head of Research and Development (previously Researcher/Software Engineer)

[ 11/01/2020 – 22/08/2023 ]

- \* Technical research for new commercial products and European & National research projects.
- \* Providing technical background of production analytics system for the company's platform.
- \* Allocating resources for projects.
- \* Developing plans for monitoring projects' status.
- \* Stakeholder management.
- \* Risk management. Developing project documentation and deliverables.
- \* Successfully reaching KPIs and milestones.
- \* Promoted after one year based on my performance

**University Tuition Center "EC Studies"** – Xanthi, Greece

City: Xanthi | Country: Greece

### University Tutor

[ 26/09/2016 – 24/05/2020 ]

Tutored both individuals and small groups on undergraduate electrical engineering courses. Success rate over 95% accompanied by high scores at final exams and mid-term projects.

## EDUCATION AND TRAINING

### MSc. in Health & Welfare Units (eHealth Management)

**International Hellenic University** [ 27/09/2024 – Current ]

City: Thessaloniki | Country: Greece | Website: <https://www.ihu.gr/en/enhome> | Level in EQF: EQF level 7

### Diploma in Electrical and Computer Engineering

**Democritus University of Thrace** [ 01/10/2008 – 28/02/2017 ]

City: Xanthi | Country: Greece | Website: <https://duth.gr/en/home-english/> | Level in EQF: EQF level 7

LANGUAGE SKILLS

Mother tongue(s): Greek

Other language(s):

English

LISTENING C1 READING C1 WRITING C1  
SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

French

LISTENING B1 READING B1 WRITING B1  
SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

Italian

LISTENING A1 READING A1 WRITING A1  
SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

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

SKILLS

Programming & Markup Languages

Python / HTML / Network Description Language / C / FORTRAN

Programming Environments

Arduino / MATLAB / Simulink

Web platforms

WordPress / Joomla

Other

Energy3D / Simulation of Urban Mobility (SUMO) / Adobe Creative Cloud / SCREEN View / ENERGYNIUS / Objective Modular Network Testbed in C++ (OMNeT++) / JIRA / Microsoft Office / Dynamic Daylighting

PUBLICATIONS

[2024]

Stimulating Metering Applications based on Renewables Technologies: presenting the SMART project

Authors: V. Kotoula, C. Malliou, E. Rigati, G. Chatzargyros; D. Stimoniaris and D. Tsiamitros | Journal Name: Sustainable Energy Education – SEED 2024. Valencia, Spain, 3 - 5 July 2024 | Volume, Issue and Pages: 62-70

[2017]

Electrical machine insulation: Partial discharges, consequences and diagnostic technique

Authors: C. Malliou, A. Karlis and M. G. Danikas | Journal Name: IEEE 11th SDEMPED | Volume, Issue and Pages: pp. 468-474 | Publisher: IEEE

[2017]

A view on humidity effects in high voltage electric generator's insulation

Authors: C. P. Malliou, A. Karlis and M. G. Danikas | Journal Name: 2017 IEEE IEEEIC / I&CPS Europe | Volume, Issue and Pages: pp. 1-4 | Publisher: IEEE

[2016]

A Short Review on the Offshore Wind Turbine Generator Windings’ Insulation and the Effect of Water Droplets and Salinity

**Authors:** C. Malliou, A. D. Karlis, M. G. Danikas and B. Lloyd | **Journal Name:** IEEE Transactions on Industry Applications | **Volume, Issue and Pages:** vol. 52, no. 6, pp. 4610-4618 | **Publisher:** IEEE

[2015]

**The effect of water droplets and salinity on the offshore wind turbines windings insulation: A short review**

**Authors:** C. Malliou, A. Karlis, M. G. Danikas and B. Lloyd | **Journal Name:** 2015 IEEE Industry Applications Society Annual Meeting | **Volume, Issue and Pages:** pp. 1-7 | **Publisher:** IEEE

## RESEARCH PROJECTS

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**WairIt (National Strategic Reference Framework 2014-2020)**

Monitoring of the personal exposure of the population to air pollution with the use of smart wearables and advanced methodologies for personalized decision support.

**SmartSolar (National Strategic Reference Framework 2014-2020)**

Smart System for Monitoring and Control of Solar Water Heaters.

**PoloTita (National Strategic Reference Framework 2014-2020)**

Digital Transformation Applications for Product and Indoor Air Quality Assurance.

**nIoVe (Horizon 2020)**

A Novel Adaptive Cybersecurity Framework for the Internet of Vehicles to detect cyber-attacks in real-time while simultaneously preventing them.

**CyberCare (National Strategic Reference Framework 2014-2020)**

An Innovative Cybersecurity Provisioning System for Connected Medical Devices.

**REHOUSE (Horizon Europe)**

Renovation Packages for Holistic Improvement of EU's Buildings Efficiency, Maximizing RES Generation and Cost-effectiveness.

**SEEDS (Horizon Europe)**

Cost-effective and Replicable RES-integrated Electrified Heating and Cooling systems for Improved Energy Efficiency and Demand Response.

**DIGIFAB (Horizon Europe)**

Digital Process Chain for Energy Renovations Using Prefabrication.

## HONOURS AND AWARDS

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IEEE

**IEEE Outstanding Young Member Service Award 2016**

IEEE IAS

**Outstanding Industry Applications Society (IAS) CMD Officer 2015**

IEEE

**4th Place Recruiter in IEEE Region 8 (Africa, Europe, Middle East) during 2014**

IEEE IAS

**IEEE IAS Outstanding Chapter Officer 2013**

## VOLUNTEERING

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[ 01/06/2011 – 15/04/2012 ] Xanthi

**Committee Member, ECESCON 5 – 5th Panhellenic Electrical and Computer Engineering Student Conference**

[ 01/05/2012 – 01/11/2013 ] Xanthi

**DUTH IAS SBC Chair**

Founded the 1st IEEE Student Branch IAS Chapter. Organized various educational and social activities. Initiated “DIPLOMA”, a magazine distributed locally and internationally to students.

[ 01/11/2013 – 31/12/2015 ]

**Chapter & Member Promotion and Support Committee Chair – IEEE IAS CMD**

Create and design the visual identity for the IAS 50th Anniversary membership kits, including the anniversary logo, printed and web promotional material.

[ 01/01/2016 – 31/12/2016 ] Xanthi

**Myron Zucker Luncheon Subcommittee Chair – IEEE Industry Applications Society (IAS)**

Prepared and delivered conference presentations about the available grant programs and the contests. Motivated students and faculty members to participate.

## CERTIFICATIONS

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**C.S.S.C Six Sigma White Belt**

**AIGPE Lean Six Sigma White Belt**