Dimitris Dimopoulos

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Address: Vosporou 9 - Kamatero, 13451, Athens, Greece (Home)

ABOUT MYSELF

As a passionate researcher of information systems and artificial intelligence, with a strong academic background that includes a bachelor's degree in accounting, a master's degree in information and communication systems, and ongoing PhD studies, I am dedicated to creating solutions that improve people's lives.

WORK EXPERIENCE

20/10/2018 – CURRENT Kifisia, Greece
HUMAN RESOURCES ASSOCIATE KIFISIA MUNICIPALITY

- Develop tools using both Microsoft Excel and the Python language through Jupyter to analyze data, from collection to interpretation.
- Stay informed about emerging procedures, developing comprehensive presentations, and conducting meetings to effectively communicate updates to senior leadership.
- Create, oversee and maintain accurate data on the digital platform of the Ministry of Interior.
- Conduct in-depth analysis of employee data to produce knowledge and actionable conclusions for organizations such as the Hellenic Statistical Authority.
- Drive organizational transparency through the design, implementation, and maintenance of a digital org chart.
- Established and implemented HR workflows to optimize collaboration and efficiency across departments.

Address Emmanouil Mpenaki 3, Kifisia, Greece ｜ **Email** humanres@kifissia.gr ｜ **Website** www.kifissia.gr

31/01/2013 – 30/07/2018 Athens, Greece
OFFICE SUPERVISOR DRIVING SCHOOL ANDREAS DIMOPOULOS

- Enhanced business outcomes by building a custom CRM solution that effectively meets customer and organizational goals.
- Designed and launched the company website, executing a comprehensive print and digital marketing campaign that resulted in a 35% uplift in company interest and subsequent customer acquisition.
- Ensured seamless business operations through hardware and software maintenance.

Address Leoforos Kamaterou 14, 13451, Athens, Greece ｜ **Email** info@sxoli-odigwn.gr ｜ **Website** www.sxoli-odigwn.gr

31/03/2009 – 30/09/2009 Athens, Greece
FINANCIAL ACCOUNTANT NATIONAL BANK OF GREECE

- Introduced innovative solutions to streamline and enhance employee accounting procedures.
- Implemented digital solutions for routine tasks, improving employee efficiency based on executive recommendations.

Address Aiolou 86, Athens, Greece ｜ **Website** www.nbg.gr

31/03/2004 – 30/09/2007 Athens, Greece
TICKET AGENT THESPROTIA BUS STATION COMPANY

- Managed a high call volume, resolving customer inquiries and handling crises effectively.
- Maintained constant communication with both customers and drivers to optimize service delivery.

EDUCATION AND TRAINING

23/02/2023 – CURRENT
PHD CANDIDATE University of the Aegean

Website https://www.icsd.aegean.gr/ ｜ **Field of study** Information and Communication Technologies (ICTs) ｜

Level in EQF EQF level 8 ｜ **Thesis** Multivariate analysis of clinical - medical data

30/09/2020 – 22/06/2022
MSC INFORMATION AND COMMUNICATION SYSTEMS University of the Aegean

Website https://www.icsd.aegean.gr/ ｜ **Field of study** Information and Communication Technologies (ICTs) ｜ **Final grade** 8.43 ｜

Level in EQF EQF level 7 ｜ **Type of credits** ECTS ｜ **Number of credits** 90 ｜

Thesis Mortality Prediction in ICU Patients Suffering from Stroke

30/09/2003 – 30/09/2009 Chalkida, Greece
BACHELOR'S DEGREE, ACCOUNTING AND FINANCE Technological Educational Institute of Chalkida

Address Psachna Evoias, 34400, Chalkida, Greece ｜ **Website** http://acc.teiste.gr/ ｜

Field of study Business, administration and law ｜ **Final grade** 6.1 ｜ **Level in EQF** EQF level 6 ｜

Thesis Accountancy of damping (I.A.M. No 16) analysis and comparison with Greek Legislation.

30/09/2003 – 30/09/2005 Agioi Anargiroi - Athens, Greece
COMPUTER NETWORK TECHNICAL DEGREE Institute of Vocational Training

Address 13561, Agioi Anargiroi - Athens, Greece ｜ **Field of study** Information and Communication Technologies (ICTs) ｜

Level in EQF EQF level 4

PUBLICATIONS

2024
Length of Stay & Mortality Prediction for Patients Suffering from Stroke in ICU: A Multimodal Approach

This study aims to develop and validate machine learning models to predict both length of stay and mortality in critically-ill stroke patients using the clinical-laboratory and demographic data available during the first 48 hours from admission.

Journal: ACM - Association for Computing Machinery "New York"

2024
Machine learning-based predictive models for patients with venous thromboembolism: A Systematic Review

This systematic review explores if machine learning (ML) can enhance Clinical Patient Management System (CPMs) by analyzing extensive patient data derived from electronic health records (EHRs). We aimed to explore ML-CPMs applications in VTE for risk stratification, outcome prediction, diagnosis, and treatment.

Journal: Thrombosis and Haemostasis

2022
Mortality Prediction in ICU Patients Suffering from Stroke

Clinical decision support systems based on machine learning algorithms are taking advantage of the vast amount of information available in the ICUs and are becoming popular in the medical predictive analysis. Our research aims to investigate the feasibility of interpretable machine learning models for predicting mortality in critically ill stroke patients.

Journal: ACM - Association for Computing Machinery "New York"

CONFERENCES & SEMINARS

11/09/2024 – 13/09/2024 University of Piraeus - Greece Athens
13th conference on Artificial Intelligence (SETN2024)

Following my research on prediction models using machine learning, I presented the results of the paper "Length of Stay & Mortality Prediction for Patients Suffering from Stroke in ICU: A Multimodal Approach" which include a new improved machine learning model.

Link https://setn2024.cs.unipi.gr/

01/07/2024 – 03/07/2024 NCSR "Demokritos" Congress Center
AISummerSchool

This conference aims to review the foundations of AI and highlight recent advances (foundational models, Generative AI, LLMs).

Link https://hellenic-ias.org/aicourse2024/

07/09/2022 – 09/09/2022 Corfu Greece
12th conference on Artificial Intelligence (SETN2022)

I was presenting my research "Mortality Prediction in ICU Patients Suffering from Stroke" at the SENT 2022 conference, one of the most important forums for Greek and international scientists to submit original and high-quality research on emerging topics in Artificial Intelligence.

Link https://hilab.di.ionio.gr/setn2022/

LANGUAGE SKILLS

Mother tongue(s): **GREEK**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	B1	B1	B1

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

DIGITAL SKILLS

Data Science

WEKA │ Rapid Miner │ Machine Learning (Keras TensorFlow) │ Knowledge of Jupyter Notebook/Jupyter Lab

Operating Systems

Debian Linux │ Microsoft Windows

Varius

Agile Methodology │ GIT (GitHub) │ Programmin language PYTHON │ SQL/MYSQL

RECOMMENDATIONS

References Available Upon Request