



Antigoni Karagiannaki

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WORK EXPERIENCE

3D GENERAL HIGH SCHOOL OF HERAKLION – HERAKLION, GREECE STEM EDUCATOR INTERNSHIP – 01/10/2024 – 06/01/2025

Taught programming basics to high school students;
developed lesson plans;
mentored students in projects;
improved communication and instructional skills

ITE - FORTH – HERAKLION, GREECE

UNDERGRADUATE INTERN - NEURAL NETWORK ANALYSIS – 01/07/2023 – 30/09/2023

Utilized Python for data analysis and visualization of neural data from a partnering lab, applying computational techniques. Explored Support Vector Machines (SVMs) and Machine Learning Algorithms for neural data analysis .
Developed basic interdisciplinary knowledge at the intersection of computer science and neuroscience.

ITE - FORTH – HERAKLION, GREECE

UNDERGRADUATE TEACHING ASSISTANT - DEPROFOIT – 01/02/2023 – 30/06/2023

I have served as a Teaching Assistant for an Undergraduate Networks course [CS335] at the University Of Crete. During this semester, I assisted the professor with duties such as conducting lab sessions, grading assignments, holding office hours to clarify student doubts, and providing individualized support to students struggling with network concepts.

EDUCATION AND TRAINING

10/2020 – 27/03/2025 Heraklion, Greece

BACHELOR'S (BSC) COMPUTER SCIENCE University of Crete

Core subjects included programming (C++, Java, Python), data structures and algorithms, software engineering, database management, web development, computer networks, operating systems, data science and information retrieval systems.
Gained practical experience in coding, problem-solving, system analysis, and the development of software applications.

Website www.uoc.gr |

Field of study Software and applications development and analysis, Database and network design and administration |

Final grade 7.1/10 | **Level in EQF** EQF level 6 | **Type of credits** ECTS | **Number of credits** 242 |

Thesis Deep Active Learning Algorithms on Imbalanced Data

LANGUAGE SKILLS

Mother tongue(s): **GREEK**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
FRENCH	B2	B2	B2	B2	B2

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

● **HOBBIES AND INTERESTS**

Waterpolo

Active member of my local water polo club (Nautical Organization of Rethymno - NORethymno), participating in regular training sessions and regional as well as national competitions. The sport has helped me develop team-spirit, discipline, strategic thinking, and physical endurance.

Link <https://rethemnos.gr/2i-thesi-gia-tis-neanides-tou-no-rethymnou/>

● **SKILLS**

python | Pandas | c | cpp | HTML | CSS | Java | JavaScript | Angular | Express | node.js | SQL | Information Retrieval | problem solving | AI/ML | R | Adaptability | Time management | Communication | Teamwork | Project management | Microsoft Office | kindness | Networking fundamentals