

Roula Antonios

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Education

ZAKA AI, | Data Analytics Specialization, Artificial Intelligence June 2025 – November 2025

Finished successfully a 20-week intensive Data Analytics Specialization program designed to prepare for roles in AI and Data Analytics covering advanced topics in data analysis, visualization, machine learning, and real-world project applications.

Université Claude-Bernard Lyon 1 & Université Saint-Joseph Sep 2018 - July 2020

Master of Science in Applied Mathematics

Université Saint-Joseph | Bachelor of Science in Mathematics Sep 2015 - Jun 2018

Professional Experience

American University of Technology (AUT), Lebanon | University Instructor Jan 2023 - Present

- Teaching mathematics and applied sciences subjects including Calculus, Algebra, Statistics, Probability, Business Math, and Introductory Computer Science.
- Developed engaging course material and supported students in applying quantitative methods to problem-solving.

Booking Basics, Qatar (Remote) | University Instructor Jan 2024 – June 2025

- Delivering private online lessons to international students in mathematics, statistics, and data science.
- Providing tailored guidance for coursework and advanced academic projects, including at the master's level.

SELA, KSA/Lebanon | Artificial Intelligence Researcher & Programmer Jan 2021 - Jan 2023

- Conducted research and contributed to the programming of AI-based educational programs.
- Assisted in building machine learning features and supported development of innovative AI tools.

SELA, KSA/Lebanon | University Instructor Jan 2021 - Jan 2023

- Designed and taught courses in mathematics, statistics, and probability.
- Guided students in research and final projects, providing mentorship on methodology and implementation.

Certifications and Training

- Certificate in Significant Learning by Design - Level 1 & 2 (International College Teaching Institute)
- Data Analytics and Machine Learning courses (independent learning and workshops)
- Public Speaking Courses - Level 1 & 2
- Voice Techniques Courses

- Certified AI Educator

Technical Skills

- Programming and Tools: Python, R, Power BI, Tableau, SPSS, C, C++, Microsoft Office
- Data Analytics and Machine Learning: Data cleaning, visualization, exploratory analysis, model development and evaluation
- Languages: Fluent in English, French, and Arabic

Key Strengths

- Strong foundation in applied mathematics and data-driven problem solving
- Experienced in teaching, mentoring, and simplifying complex analytical concepts
- Skilled at combining academic research with practical data analytics applications
- Effective communicator with proven ability to work in multicultural and remote environments