

IOANNIS OIKONOMOU

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EDUCATION

Elisava School of Design and Engineering

Barcelona, Spain

Master of Art in Human Interaction and Artificial Intelligence

July 2025

- **9.27/10** (Thesis: 10/10, Elisava Master's Awards Candidate)
- **Concentrations:** Human-Computer Interaction, AI Product Engineering
- **Related Coursework:** Interaction Design and Development, Prototyping of Machine Learning and Neural Networks, Cognitive Science and Design, User Experience Architectures

University College London

London, UK

Bachelor of Science in Information Management for Business

May 2019

- **Upper Second-Class Honors (2:1)**
- **Concentrations:** Business Analytics, Information Systems, Project Management
- **Related Coursework:** Business Analytics Programming, IT Project Management, Web Development, Database Systems

International Baccalaureate Diploma

Athens, Greece

Athens College (HAEF)

May 2016

PROFESSIONAL EXPERIENCE

Research and Development Engineer

Piraeus, Greece

Danaos Management Consultants

Nov 2022 – Jul 2024

- Led the development and maintenance of an application enabling maritime brokers to register orders for new and existing vessels, streamlining brokerage operations and reducing manual workload
- Played a key role in migrating legacy Powerbuilder/MVC applications to contemporary web technologies, leveraging C# .NETCore Web Applications and JavaScript, improving system performance and scalability
- Built web-based reporting applications processing maritime sensor data stored in SQL databases to analyze vessel movement, route optimization and emission control, enabling data-driven decision making
- Managed CI/CD pipeline using Git and Jenkins for automated testing and deployment across global client environments, coordinating with development teams and communicating deployment status to stakeholders

Digital Experience Manager (Part Time)

Athens, Greece

VisionPark Greece

Jun 2021 – Jul 2022

- Developed client website using Wix platform, creating an intuitive user experience that enabled client's digital presence
- Created responsive web layouts and user flows enabling multi-device booking experiences
- Applied custom Javascript and HTML for seasonal and promotional pop-ups, enhancing conversion rates
- Performed A/B testing on different layouts, optimizing UI design based on user preferences and behavior data

Compulsory Military Service

Athens, Greece

Hellenic Navy

Feb 2021 – Feb 2022

- Completed basic training in Poros Naval Base, demonstrating discipline and adaptability under pressure
- Tutored senior staff on spreadsheets and filtering techniques, educating on record keeping digitalization
- Assigned to Hellenic Navy headquarters, managed file registry, classified and distributed messages throughout Hellenic Military headquarters, ensuring secure information flow across military operations

Account Management Intern

London, UK

Taboola

Sep 2019 – Jun 2020

- Analyzed client ad environments and recommended data-driven optimizations, improving campaign performance according to monetization and engagement targets
- Led compliance investigations of unauthorized Taboola code usage, coordinating with technical team to enforce company policies and protect brand integrity
- Produced comprehensive Quarterly Business Reviews analyzing client performance and KPI achievement, enabling data-driven account strategy decisions
- Resolved client integration issues by serving as technical liaison between clients and engineering teams

TECHNICAL STACK

Frontend: Vue.js, React, Javascript, Typescript, Astro | **Backend:** C#, .NET, Python, FastAPI, Flask, Java

Databases: Oracle, SQL Server, Datagrip, Pinecone | **Version Control:** Git | **CI/CD:** Jenkins

CERTIFICATIONS

Neural Networks and Deep Learning - DeepLearning.AI (Coursera) | February 2023

Introduction to Data Science in Python - University of Michigan (Coursera) | May 2023

LANGUAGES

Greek (native), **English** (fluent), **French** (intermediate), **Spanish** (basic)