

Konstantinos Theofilis

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Education

University of Athens, MSc in Computer Science Sept 2023 – Sept 2025

- **Concentration:** Data, Information, and Knowledge Management
- **Grade:** 9.30/10.0
- **Coursework:** Interactive Systems, Advanced Programming Methods, Large-Scale Data Analysis Techniques, Data Visualization, Big Data Management, Machine Learning, Advanced Artificial Intelligence
- **Thesis:** Design and Development of a Virtual Reality and Web-Based Training System for Early Detection and Intervention in Psychosis

University of Athens, BSc in Computer Science Sept 2016 – Sept 2022

- **Concentration:** Computer Science & Information Technology
- **Grade:** 6.88/10.0
- **Coursework:** Data Structures & Algorithms, Object Oriented Programming, Software Development

Experience

Research Software Engineer, p-comp Research Group NKUA – Athens, Greece Feb 2024 – Present

- Build interactive XR applications (AR/VR/MR) in Unity using C#, focusing on visualization and manipulation of EO data (e.g., satellite imagery, environmental models, climate indicators).
- Design, prototype, and implement interactive Mixed Reality experiences in Unity (C#) that simulate real operational scenarios, safety procedures, and emergency responses.

Associate Research Engineer, SCANLab NKUA – Athens, Greece Jan 2023 – Feb 2024

- Development of Digital Twin based applications in Unity (C#) for Crisis Management.
- Development & deployment of In-Laboratory Web Applications for Efficient Management and Organization with React.

Associate Software Engineer, Wappier: Intelligent Revenue Management – Athens, Greece Dec 2020 – Dec 2022

- Design and Development of in-company Unity applications for QA testing.
- Development of a Unity Tool for automated packaging (.unitypackage) and exporting.
- Implemented a Unity wrapper for the company's SDK.
- Design and Development of a NFT Marketplace in Unity(C#)

Technologies

Tools and Technologies: Unity, Virtual Reality, Augmented Reality, Node.js, React, HTML, CSS, Tailwind, Version Control Systems (Git)

Programming: C#, JavaScript, Typescript

Databases: SQL, MongoDB

Languages: English (Fluent, C2), Greek (Native)

Soft Skills: Creativity, Teamwork, Critical Thinking, Problem Solving, Growth Mindset