

KONSTANTINOS ZITIS

Academic Program Leader | Computer Science
Educator | AI & Software Engineering

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Computer Science educator and academic leader with 22+ years of experience across higher education, professional training, mentoring and software delivery. Program Leader in Computing since 2021, founder and lead instructor of CSC, and PhD candidate working at the intersection of Artificial Intelligence, intelligent systems and communications. Teaching is built around personalized learning paths, applied problem solving, measurable progress and responsible use of AI tools - with a strong focus on helping learners understand how to think, not only how to reproduce syntax.

22+

YEARS IN COMPUTING & EDUCATION

20,000+

TEACHING HOURS

50+

SUBJECTS & TEACHING DOMAINS

TEACHING APPROACH

Personalized learning

Individual roadmaps based on level, goals, pace and available time.

Applied practice

Exercises, projects, debugging and guided problem solving turn theory into usable skill.

Mentoring & accountability

Clear milestones, continuous feedback and progress checks support consistency.

AI-aware learning

AI is used as an accelerator, while reasoning, verification and independent thinking remain central.

TEACHING DOMAINS

- Programming & OOP
- Data Structures & Algorithms
- Databases & SQL
- Web & Mobile Development
- Artificial Intelligence & LLMs
- AI Agents & Automation
- Software Engineering & DevOps
- Cybersecurity Foundations
- Embedded / IoT / PLC
- Digital Transformation & Strategy
- Digital Marketing & Social Media
- Project Management & Business IT

ACADEMIC & TEACHING LEADERSHIP

2021 - PRESENT

Academic Program Leader & Professor, Faculty of Computing | Metropolitan College, Piraeus | University of East London partner

Academic leadership, teaching, moderation, quality assurance, student progression and cross-campus coordination across undergraduate computing programmes.

CURRENT

Founder & Lead Instructor | Computer Science Center (CSC)

Design and delivery of individualized online programmes for students, developers and professionals, spanning foundational programming through advanced AI and software engineering topics.

CURRENT / RECENT

Scientific & Research Collaboration | Computer Science and technology research initiatives

Technical guidance, research-method support and applied work across intelligent systems, software engineering and emerging technology projects.

ACADEMIC TEACHING

Professor / IT Instructor | IEK AKMI, IEK DELTA, PeopleCert Training Centers and private education

7,000+ hours of institutional instruction, complemented by long-term private teaching and mentoring. Emphasis on programming, algorithms, databases, software engineering and advanced computing.

SELECTED EDUCATOR CREDENTIALS

- Certified Adult Educator - Real Schools, 1,245 hours in adult education, vocational training and informatics teaching methodology.
- Microsoft education recognitions: Certified Microsoft Innovative Educator, Teacher Academy Office 365, Microsoft Maker Challenge, Step Up Computer Science.
- TOEIC Advanced English; Goethe-Institut Oberstufe III; ECDL

Academic profile and technical breadth

EDUCATION & RESEARCH

PhD Candidate

National & Kapodistrian University of Athens (NKUA),
Department of Informatics & Telecommunications
Research focus: AI-enabled wireless/networked systems and sustainable connectivity.

MSc Computer Science - Artificial Intelligence

University of East London (UEL)
Dissertation: Decentralized Policy Optimization in Virtual Power Plants via Multi-Agent Reinforcement Learning.

MSc Information & Communication Systems

Open University of Cyprus (OUC)
Advanced Technology & Intelligent Systems. Dissertation on real user preference representation in conditional preference networks.

BSc Computer Science

Hellenic Open University (HOU)
Thesis on Google applications and services for business informatics.

BSc Computer Science & Economics (Wirtschaftsinformatik)

Technische Hochschule Darmstadt, Germany
Interdisciplinary studies in business informatics and computing.

CURRENT BUSINESS ACTIVITY

ACTIVE / CURRENT

Founder & Owner | Computer Science Center (CSC)

Sole Proprietorship | Greece
Active independent business delivering software and AI projects, automation, digital solutions, technology consulting and professional education. Education: csc.gr | Business & Technology: csc.com.gr.

TECHNICAL & RESEARCH FOCUS

AI & INTELLIGENT SYSTEMS

Multi-Agent Reinforcement Learning, decentralized decision making, Virtual Power Plants, LLM workflows, AI agents and human-in-the-loop systems.

DATA, WEB & PLATFORMS

SQL, MySQL, PostgreSQL, MariaDB, HTML/CSS, React, Django, Spring, .NET, Git and modern development workflows.

EDUCATION THAT BUILDS INDEPENDENT THINKING

My role is to give learners direction, build disciplined problem-solving habits, challenge their reasoning, and create a clear path from curiosity to independent capability.

SELECTED INDUSTRY EXPERIENCE

PRIOR / SENIOR

Director, Digital Research & Development | JOIN S.A. & partner companies

Led R&D; across Greece, Cyprus, Malta and Lebanon, coordinating a 40-person cross-functional team and IoT/digital-service initiatives.

PRIOR

IT Project Manager & Business Developer | SCIN A.B. / WASTE ENERGY S.A.

Managed intelligent-systems projects and renewable-energy business development in the Middle East, including Dubai and Doha.

PRIOR

IT Consultant - Digital Transformation | DLT MEDIA S.A.

Supported strategic technology development across European subsidiaries, with assignments involving Athens, Stockholm and Rotterdam.

PRIOR

Project Manager | EXODUS S.A. / Piraeus Bank projects

Coordinated enterprise IT delivery, requirements and stakeholder alignment for banking-sector projects.

EARLY CAREER

Applications Developer / Programmer | Fraunhofer IGD, Darmstadt

Contributed to virtual-reality and information-systems projects during studies and a subsequent professional contract.

PROGRAMMING & SOFTWARE

Java, Python, C/C++, C#, JavaScript/TypeScript, Dart/Flutter, Kotlin, Go, Rust, PHP; OOP, algorithms, data structures and software engineering.

AUTOMATION & APPLIED TECH

Arduino, Raspberry Pi, PLC/CODESYS, IoT and automation; responsible AI use in computing education, verification and learner autonomy.

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