



# Dr. George Violettas

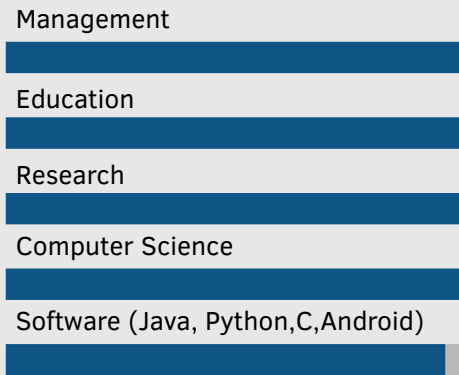
R&D Active Manager

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## About me

George is an ICT executive manager with over 15 years of experience in leadership roles, including CIO, R&D Manager, Project Manager, Software Architect, and ICT Consultant. He holds a Ph.D. in Internet of Things (IoT) and brings over 25 years of expertise in ICT innovation and implementation.

## Skills



IoT\*6 WSN\*6 Git,mqtt\*5 Cloud\*6

(\*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

**Summary** Experienced executive, currently the R&D Manager at SYSGO GmbH, Germany, leading a team of 12 and managing 13 funded projects, holder of a Ph.D. in IoT (Internet of Things) and cybersecurity

**Next career step(s):** (i) Senior Manager (R&D, Tech Manager), IoT/WSN/Cloud (ii) Associate Professor (IoT, Cloud, Cybersecurity).

## Education

Ph.D. in Internet of Things University of Macedonia, Greece (summa cum laude)  
 M.Sc., Applied Informatics, University of Macedonia, Greece, 2 yrs, Best paper award  
 B.Sc., Information Science, Hellenic Open University, Greece, 4yrs with bachelor thesis

## Awards

- 2024 Editor's Choice, Future Generation Computer Systems Journal
- 2017 First runner-up in eWINE Challenge, Finland
- 2009 Best Paper award in ICWMC, France, M.Sc. research

## Experience

2023-	R&D Department Duty Manager SYSGO GmbH, Germany	Germany
2020-23	Assistant. Professor Alfaisal University, Saudi Arabia	Saudi Arabia
2016-20	Head of ICT Department, Senior Lecturer Lincoln Colleges, UK	Saudi Arabia
2012-16	Senior Lecturer GIZ, Germany	Saudi Arabia
2011-12	ICT Project Manager Apogee Inc, Greece	Spain
2008-12	Invited Lecturer Technical University of Thessaloniki	Greece
2001-08	CIO, Project Manager Epi Systems, Thessaloniki	Greece

## Skills

Embed. Sys	Raspberry PI, Arduino, zolertia, sensors, actuators
Tech	MQTT, CoAP, Ansible, JSON, YAML, Git, Maven
Soft. Eng.	Python, Java, C(++), SQL
Op. Sys.	RTOS, Linux, Virtualization, unikernels, docker
Teaching	IoT, Android, Inf. Security, Cryptography, Cloud

## Other information

I am an accomplished ICT educator and industry professional with a proven track record of leading critical technology initiatives for both the public and private sectors. My expertise spans roles as an ICT professor, information security consultant, and researcher specializing in Internet of Things (IoT) security and cloud infrastructure.

I hold a Ph.D. in secure IoT network management, where I developed innovative solutions for centralized management and threat mitigation in IoT environments. My work has been recognized through participation in multiple European-funded research programs and publications in top-tier journals.

Passionate about fostering talent, building strategic partnerships, and leveraging technology to address real-world challenges, I can easily contribute to transformative projects such as smart cities and advanced IoT ecosystems.