



Dr. George Violettas

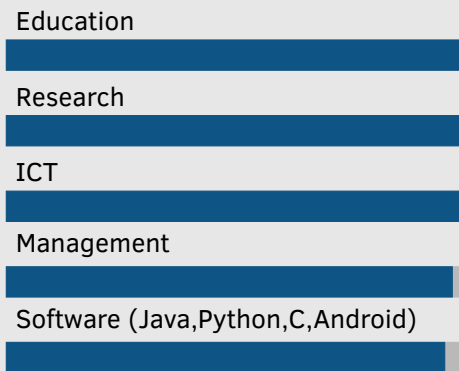
Ph.D. in IoT

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About me

George holds a Ph.D. in Internet of Things, with over 25 years of relative experience. He has taught for more than 15 years in Technical Universities, Colleges & Vocational Institutes both in Greece and in the Gulf area. He has more than 15 years of experience in the ICT industry as a CIO, R&D Officer, Project Manager, Software Engineer, and ICT Consultant. He is a Horizon Europe senior consultant and has been a senior research fellow for several Horizon 2020 European projects.

Skills



IoT*6 WSN*6 Git,mqtt*5 networking*6

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

Summary

Senior Architect, EU Project Manager, IoT Researcher, Consultant, & Assistant Professor. Expert in Funded projects, IoT, Wireless Sensor Networks, Cloud.

Next career step(s): (i) IoT Associate Professor with a respected tertiary institution, (ii) R&D in IoT/WSN/Cloud with a leading IoT company.

Education

2021	Ph.D. in Internet of Things <i>Network Control and Security for the Internet of Things</i>	University of Macedonia, Greece
2008	M.Sc. in Applied Informatics <i>Major in Computer Science, Minor in Economics</i>	University of Macedonia, Greece
2006	B.Sc. in Information Science <i>4yrs with bachelor thesis</i>	Hellenic Open University, Greece

Awards

2017	First runner-up in eWINE Challenge, Finland
2009	Best Paper award in ICWMC, France, M.Sc. research

Experience

2023-	R&T Department Duty Manager SYSGO GmbH, Germany	Germany
2020-22	Assistant. Professor Alfaisal University, Saudi Arabia	Saudi Arabia
2020-22	Senior Research Proposal Writer EFMC, Estonia	Remote
2016-20	Head of ICT Department, Senior Lecturer Lincoln Colleges, UK	Saudi Arabia
2012-16	Senior Lecturer GIZ, Germany	Saudi Arabia
2006-12	Invited Lecturer Technical University of Thessaloniki	Greece
2009-11	ICT Project Manager Apogee Inc, Greece	Spain
2003-09	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.	MS OS, Linux, Virtualization, unikernels, docker
Teaching	Android, Inf. Security, Cryptography, UML, Networking

Other information

I am an ICT educator and industry professional having successfully spearheaded critical technology initiatives for public and private organizations. My expertise spans from an ICT professor, and information security consultant, to a researcher focused on Internet of Things security and software-defined networking.

I hold a PhD in secure IoT network management where I developed cutting-edge solutions for centralized management and threat mitigation in IoT environments. I participated in multiple European-funded research programs and published in top-tier journals.

I am passionate about developing talent, building partnerships, and applying technology to solve complex real-world problems such as smart cities.