



Dr. George Violettas

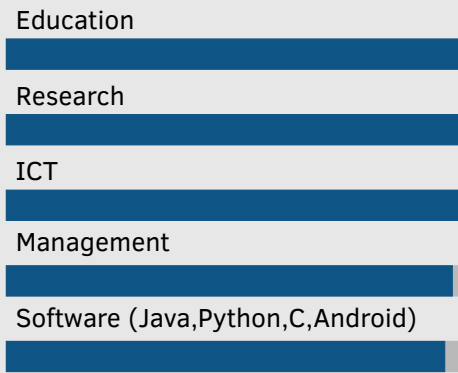
IoT/WSN/Cloud lecturer

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About me

George is an IoT Lecturer/ICT professional 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 worked for more than 15 years in the ICT industry as a CIO, R&D Officer, Project Manager, Software Engineer, and ICT Consultant for European Companies. He is currently a senior research fellow for three 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

IoT lecturer & Project Manager. Expert in IoT, Wireless Sensor Networks, Clouding. Next career step(s): (i) IoT assistant professor with a respected tertiary institution, (ii) R&D in IoT/WSN/Cloud with a successful IoT company.

Education

Mar 2021	Ph.D. in Internet of Things <i>Network Control and Security for the Internet of Things</i>	University of Macedonia, Greece
2006-2008	M.Sc. in Applied Informatics <i>Major in Computer Science, Minor in Economics</i>	University of Macedonia, Greece
2001-2006	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

Experience

2020-	Lecturer 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
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 currently a lecturer with the Alfaisal University in KSA, lecturing IoT, Cloud Computing, and Mobile Applications, and supervising bachelor theses. I previously was the Head of ICT Department (12 faculty) and a Senior Lecturer. My duties included HR management, curricula development, strategic planning, lecturing and bachelor theses supervision.

I have significant experience both as an ICT Lecturer and as ICT professional including being involved in pivotal roles for numerous complex IT projects, for both the public and private sectors. I also worked as an information security consultant for risk analysis, thread modeling, and penetration testing.

My Ph.D. is dealing with centralized management (SDN-paradigm) of Internet of Things devices and security aspects of such networks, including IoT attacks and mitigation.

I am an active researcher, having participated successfully in numerous European funded scientific projects (H2020), with several publications to world-class journals and magazines.