

NAME: KONSTANTINOS ZARKADOULAS

PERSONAL INFORMATION

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EDUCATION

- 2022 – Today, Hellenic Open University, Pervasive and Mobile Computing Systems Msc
- 2004 – 2009, Technological Educational Institute of Crete (current HMU-Heraklion), Department of Electrical Engineering

WORK EXPERIENCE

- OCTOBER 2021 – TODAY, PRISMA ELECTRONICS SA, Electrical Engineer, Study and Implementation of IoT system in shipping (P. Faliro – Greece). <https://www.laros.gr/index.php#data>
- OCTOBER 2018 – SEPTEMBER 2021, Quality Assurance, SELECTRON SA, Study, design, manufacture, assembly, regulation, installation of electronic systems and automation control systems. Level - pressure sensors. Temperature sensors. Viscosity meters. For marine and industrial applications. Design and manufacture of new ATEX/IECEx products. In charge of technical procedures and works. In charge of the Quality Control System ISO 9001:2015 and the incorporated ISO/IEC 80079-34. Internal Auditor. Safety Instructor. (Piraeus – Greece). www.selectron.gr
- MAY 2014 – OCTOBER 2018, Electrical Engineer, SELECTRON SA, Study, design, manufacture, assembly, regulation, installation of electronic systems and automation control systems. Level - pressure sensors. Temperature sensors. Viscosity meters.
- DECEMBER 2013 – MAY 2014, Work placement (Internship), Electrical Engineer, C&A STAVROS KASSIDIARIS S.A., Electrical Engineer working on automation and control systems for marine vessels and industry.
- SEPTEMBER 2012 – MARCH 2013, Electrical Engineer, GMC Photovoltaic and Metal Constructions, Electrical Engineer in Photovoltaic parks construction.
- SEPTEMBER 2010 – MARCH 2011, Electrical Engineer (stage), Internship in the laboratory “L2eP” of the USTL University, Research in power electronics control drivers, Lille – France

COMPUTER SKILLS

- Working knowledge in C programming language, Basic knowledge in SQL and Python
- 2d Autocad, Matlab/Simulink, N.I. Labview, Eagle PCB Design software, PSPICE circuit simulation software
- MS Word, Excel, PowerPoint, Outlook, Visio

PROFESSIONAL EDUCATION SEMINARS & CONFERENCES

- INTERNET OF THINGS AND MACHINE LEARNING APPLICATIONS, University of Athens Continuing Education and Lifelong Learning, April 2021 (75 hours)
- DESIGNING DATABASE SOLUTIONS FOR MICROSOFT SQL SERVER, Seminar organized from KEEE Certified by TUV HELLAS, March 2021 (100 hours)
- WEB DEVELOPMENT: HTML5 & JAVASCRIPT, University of Athens Continuing Education and Lifelong Learning, December 2020 – February 2021
- EMC Design for Compliance (Immunity and Emissions), Online Training, EMC FASTPASS, July 2020
- AUTODESK/AUTOCAD, Training and certification in 2d Autocad, Education Center ComputerStart, March 2020
- EU Demands for CE Marking-Technical Documentation-RoHs, Seminar: Labor S.A., October 2019
- CE MARKING, Online Seminar, Lloyd's Register, July 2019
- ATEX – Special Seminar for Ex protection in industrial sites, TUV Austria, April 2019
- ISO 9001:2015 Appreciation and Interpretation – ISO 9001:2015 Internal Quality Auditor, Lloyd's Register, March 2019
- ECDL, Ms Word-Excel-PowerPoint-Outlook 2007, December 2014

PARTICIPATION IN R&D PROJECTS

- Part of R&D project “Prismoid”, Prisma Electronics collaboration with NTUA, Digitalization and data acquisition of marine vessel’s shaft parameters
- Part of R&D department of SELECTRON SA, Design of new digital level – pressure sensors with ATEX/IECEx certification and EMC compliance
- Work placement in L2eP laboratory, Topic: “Control gate circuits of SiC-JFET”, March 2011

FOREIGN LANGUAGES

- English – Certificate in Proficiency in English ECPE (C2) University of Michigan
- French – Basic knowledge (B1)