




Curriculum Vitae


MARIOS TIROVOLAS

 Konstantinoupoleos 6,
Tripolis, GR

 +30 6978405101

 [University of Ioannina Profile](#)

 tirovolas@kic.uoi.gr

 July 1st 1996, Greece

 [Marios Tirovolas](#)

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PROFESSIONAL EXPERIENCE

-
- 09/03/2020 **Command Center (4th Infantry Division), Tripolis, Greece** (Military obligations)
- 09/12/2020 Research & Informatics Office
- Computerization
 - Computer Service

EDUCATION

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- Sept 2011 **2nd General Lyceum of Tripolis, Greece**
- Jun 2014 Greek Apolytirion (Overall Grade: 18.9 / 20)

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- Oct 2014 **Diploma in Electrical and Computer Engineering**, University of Patras, ECE.
- Oct 2020 Degree grade: **Very Good 7.52/10** 5-Year Degree (Equivalent to M.Sc. 300 ECTS).
Thesis “*Re-engineering Monolithic Industrial Automation System Application to IoT Technologies based Environment*”

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- Mar 2021 **Ph.D. Student in AI and Industry 4.0** University of Ioannina, DIT.
-Present Laboratory of Knowledge and Intelligent Computing
Supervisor : Chrysostomos Stylios

PERSONAL SKILLS

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- General Skills
- Working effectively in a team
 - Setting / keeping deadlines and meeting goals, strong organization skills
 - Problem solving, creative thinking
 - Self-motivation, passionate, focused and determined execution of tasks and projects
 - Responsibility
- Languages
- Greek Native language
 - English University of Westminster: General Level 5 Proficient Communication

TECHNICAL SKILLS

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- Expertise
- Industrial Automation
 - Internet of Things
 - Design / Development / Evaluation of industrial automation systems

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- Computer Programming
- C
 - Python

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- Office Tools
- Microsoft Office
 - Adobe Acrobat Professional
 - ABBY FineReader

Control System Design and Computational Programming

- Mathworks MATLAB / Simulink
- NI LabView
- Wolfram Mathematica

Graphics Editing Software

- Adobe Photoshop
- Adobe Flash Professional

Video Editing Software

- Cyberlink PowerDirector

PLC Programming

- STEP 7
- Codesys Development System V3

HMI Programming

- WinCC Flexible 2008



PROJECTS

Group Python Programming Project

MyLibrary
Application for personal library management with user interface using Python & Tkinter
Individual part: Group leader, Core code development
Supervisor: Prof N. Avouris

Digital Control Project

Hand Following Plotter
Construction of a CNC plotter using two ultrasonic sensors
Supervisors: Prof. A. Skodras , Dr. T. Chrysikos



REFERENCES

Mr Tibor Hajnal
Engineering Technician at SAUDI ARAMCO
(Engineering Division – Control & Automation Group)
Tel: +966 506430510
Email: hajtec@gmail.com

Prof. Stamatis Manesis
Professor Emeritus Department of Electrical & Computer Engineering (University of Patras)
Tel: 2610 996454
Email: stam.manesis@ece.upatras.gr