

CV: EFSTATHIOS THEOCHARIS

1. COMMUNICATION DATA:

ADDRESS : Xenofontos 57, Koridallos, Greece
POSTAL CODE : 18120
TELEPHONE NUMBER : +32104966846 , +36972822438
EMAIL : stheo@uniwa.gr

2. PERSONAL DATA

FAMILY NAME : Theocharis
NAME : Efstathios
DATE OF BIRTH : 10th May 1971
PLACE OF BIRTH : Kenourgio –Fthiotidos, Greece
MARITAL STATUS : Married with two children.
MILITARY SERVICE: Completed 1995
DRIVING LICENCE: EU

3. QUALIFICATIONS

Education:

- PhD Student, University of West Attica, Department of Industrial Design and Production Engineering.
- Master of Science in Data Communications - Kingston University, UK, November 2004
- Mechanical Systems Automation Degree – T.E.I. Piraeus – November 1994.

Foreign Languages: Very good knowledge of English language.

Further Education:

- Program entitled 'Training of Continuous Vocational Training Trainers', 2007.
- Attended a seminar in "Quality – Management" (February 1999 – July 1999 certificate of attendance TEI of Piraeus).
- Certificate in INSTABUS (duration 40 hours, SIEMENS 1998)
- Attended a seminar on the SIEMENS subject PLC S7-300 (duration 40 hours, certificate of attendance SIEMENS 1998)
- Training program in "Automatic control system in manufacture" (duration 300 hours, certificate of attendance ELKEPA [Hellenic Production Center], 1995)
- Excellent knowledge and experience in the use of MS Windows, MS Office-2019 and Corel Draw-12.0

- Experience in PLC, SCADA, Operator Panel programming and development of industrial applications.

Interest Sections:

Applications and training in industrial automation technology and systems.

4. TRAINING EXPERIENCE

- Laboratory teaching staff, University of West Attica, Department of Industrial Design and Production Engineering, School of Engineering
Courses: Industrial Electrical Applications, Industrial Automation – PLC, Electrical circuits.
- Postgraduate Program - New Technologies in Shipping and Transport
University of the Aegean / University of West Attica, Teaching assistant for course: “Supervisory Control Systems”.
- Postgraduate Program – Industrial Automation, Department of Industrial Design and Production Engineering, School of Engineering, Teaching assistant for course: “Supervisory Control Systems”.
- Laboratory collaborator at TEI PIRAEUS department of Automation since 1995, with total duration 4.046 hours. Lecturing and supervision laboratory exams and applications in the Industrial Controllers Laboratory.
- Lecturer in collaboration with SIEMENS since 2002 in re-education seminars dealing with Industries using PLC (Programmable Logical Controllers) and SCADA (Supervisory Control and Data Acquisitions).

6. VOCATIONAL EXPERIENCE

A. Personal company 2001-2016 dealing in the following:

- Research and experimental development in electrical technology
- Development of telematic applications
- Maintenance systems
- Ministration of advice for systems and technical support
- Education on Industrial Automations

B. Automatic engineer at “Katsiavrias Bros & SIA OE” from 1996 - 2001 with the position of developing and installing Industrial Automation with PLC – SCADA – OP uses, as well as customer technical support and education in these systems and technologies.

7. LICENCES

- National Accreditation Center Certified trainer in Continuing Vocational Training (EKEPIS) Number: 407798

Category affiliation: Theoretical Part – Practical Part in the following topics:

CODE	SPECIFICATION
2420	Instructional personnel for Technological Education Institute (TEI) and other Institutes of Higher education
3114	Technological electronics and telecommunications
3115	Technological mechanicals
3133	Controllers industrial robots

- Registered with MEEP since 12/12/2005 Licence number 21201.
PROJECTS CATEGORY OR SPECIALIST WORKS: ELECTRONIC EQUIPMENT PROJECTS
CLASS MEEP: A1
- Registered with MEK since 28/05/2002 Licence number 26792.
SPECIFICATION: TECHNICAL AUTOMATION ENGINEER
PROJECTS CATEGORY OR SPECIALIST WORKS: ELECTRONIC EQUIPMENT PROJECTS
CLASS: A FIRST

8. RESEARCH

- Research work “PVN226 –Water meter: Water measurement decision system”, for OTHRIS ATE, 2004.
- Resaerch work “PAVE 2000”, Internet Industrial Automation Applications Development for TEI PIRAEUS, 2002 and 2003.
- Research work “PLATON”, Automation analysis for processing improvement of Biological Cleaning Centre for AKATT SA, 2001.
- Research work “Upgrading of PLCs system, PAVE 99BE58, as AKATT SA employee, 2000.
- European program “ADAPT 946001E8/194/377” for TEI PIRAEUS, 1997-1999 years.

9. PUBLICATIONS

- AR. Short, Helen C. Leligou, E. Theocharis, “Execution of a Federated Learning Process Within a Smart Contract”, 39th International Conference on Consumer Electronics (IEEE ICCE2021), 2021
- E. Theocharis, M. Papoutsidakis, A. Sort, C. Drosos. Experimentation on the Electromechanical Behavior of Automation Safety Buttons Applied to an Industrial PLC, WSEAS Transactions on Systems and Control, 2020.
- A.R. Short, H.C. Leligou, M. Papoutsidakis, E. Theocharis, Using Blockchain Technologies to Improve Security in Federated Learning Systems, IEEE Compsac 2020.
- E. Theocharis, M. Papoutsidakis, C.Drosos, G.Chamilothoris
- ‘Safety Standards in Industrial Applications: A Requirement for Fail-Safe Systems’, International Journal of Computer Applications (0975 – 8887) Volume 178 – No. 24, June 2019.
- M. Papoutsidakis, E. Theocharis, D. Piromalis, A. Sort

- ‘SCADA Implementations to Supervise the Water Networks Infrastructures in the City of Athens’, International Journal of Computer Applications (0975 – 8887) Volume 178 – No. 25, 2019.
- E. Arvanitidi, C. Drosos, E. Theocharis, M. Papoutsidakis
- ‘3D Printing and Education’, International Journal of Computer Applications (0975 – 8887) Volume 177 – No. 24, 2019.
- “METADOSI ISXYOS”, technical monthly magazine - February 2006, issue 122, title «Digital revolution with radio frequency».
- “METADOSI ISXYOS”, technical monthly magazine - October 2005, issue 118, title «Real - time remote control of industrial systems».
- “METADOSI ISXYOS”, technical monthly magazine - December 2000, issue 62, title «Development central control system».

1. REFERENCES

Available on request