



## **CURRICULUM VITAE**

### **ARISTEIDIS A. VLACHOULIS** **MEng Electrical & Computer Engineering**

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## **PROFILE**

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Aristides is an Electrical and Computer Engineer with strong interpersonal communication skills. He is currently working as an Information Systems Administrator, CMMS Project Manager, Maintenance Supervisor & Automation Engineer in one of the largest Greek canning industries owned by a multinational company. He is considered a highly adaptable person and is always driven by a sense of continuous improvement. He is also open to constructive feedback and criticism that could help him grow. Other characteristics of Aristides are: polite, hardworking, efficient, team spirit, ambitious, fast learner with passion for engineering and problem solving.

## **EXPERIENCE**

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- ❖ **Jan 2021 - Today: Industrial IT Administrator, CMMS Project Leader & Electrical Engineer at ELBAK.SA (Greek Canning Industry), Larissa.**
- ❖ **Mar 2020 - Dec 2020: Software-Hardware Engineer. License of Practicing the Profession of Software-Hardware & H/Y Technician during military service at Hellenic Airforce.**
- ❖ **May 2018 - Aug 2019: Hardware Technician (Engineering): Specialized in Construction - Repairing and Fixing Desktop and-or Laptops.**
- ❖ **Jun 2018 - Sept 2018: Barista & Customer Relations at Cuppa Cafe & Bar, Larissa.**
- ❖ **Jun 2017 - Sept 2017: Production Operative at ELBAK.SA (Greek Canning Industry), Larissa.**
- ❖ **Jun 2016 - Sept 2016: Hardware & Networking Engineer at Logon SA, Larissa**

(Internship).

- ❖ **Jun 2012 - Sept 2013: Professional Musician : Working as bouzouki-player, guitarist in Bars and Pubs.**

## SCIENTIFIC EDUCATION

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- ❖ **Dec 2022: PhD Student in Business Administration & Management Dpt at University of Thessaly.**
- ❖ **Mar 2020: MSc Electrical Engineering at University of Thessaly.**
- ❖ **Mar 2019: BSc IT Computer Engineering at University of Thessaly.**

## PROJECTS

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- ***Industry 4.0 – CMMS Project Implementation and Operation. Head of Maintenance and lean manufacturing at ELBAK.AE***  
Implementation and creation of processes based on the principles of the 4th Industrial Revolution and computer science in order to provide optimal solutions for the Technical Department. Creating a new database for this purpose, splitting a factory into departments and adding a unique ID to each machine. Technical department training in the new procedures. Creation and Supervision of the Maintenance program for the whole industry as well as analytical statistics for its time-spares parts/cost. Analytical Statistics for the Technical Department for all Productions (Lean 6S principals).  
Design - Implementation of Y.D.E. for the factory. Responsible for PLC Management & Design and communication with Ex.Partners.  
Implementation of Warehouse Management Systems with scanners-barcodes and ERP configuration, in collaboration with external partners.  
AutoCad changes in the whole industry equipment-mechanical/electrical drawings , fire safety, health and safety projects, 5s projects.
- ***MEng Thesis : University of Thessaly***  
Multi-Agent Collaborative Problem Solving: A case study in naval search & rescue operations.  
[ A case study focused in A.I. principals, distributed systems for implementation, clustering method for topology sparsification and working with deep learning methods. Implemented in Python.]
- ***Fault Analysis in PowerWorld Simulator :***  
Technical Report using PWS by SIEMENS, analyzing 3 phase faults. Worked on Electric Generators, Busses, Lines, Transformers and Motors.
- ***Compiler Course Projects : University of Thessaly***  
Lexical and Syntax analyzer focused projects in the design of a compiler. High level of Computational Theory Principals. Compiler understanding and design from scratch. Used Assembly and C.
- ***Object Oriented Programming Course Projects :***  
Java and C++ projects implemented mostly in Netbeans simulator for the cause of basic understanding of object oriented principals.

- **Computer Organisation and Design Course Projects :**  
Projects in Assembly and Verilog, implemented in MIPS x86 architecture simulator.
- **Basic Programming Course Projects :**  
Projects implemented in C programming language for the cause of basic programming course. These projects were my first contact with basic programming theories such as arrays, memory allocation, stack usage, structs, lists, files and trees. Furthermore C was the language used for the understanding of monitors, semaphores, mutexes etc, for the purpose of concurrent programming course.
- **Web Page Creation :**  
Created from scratch using HTML, PHP and CSS. Based on apache web server I created a fully interactive academic content Web Page.

## TECHNICAL SKILLS

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- Assembly, C, C++, WordPress, Java, Python, Windows/Linux, HTML, CSS, MATLAB, Verilog, MS Office, Unity - C#, AutoCAD.

## SEMINARS - CONFERENCES

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- Maintenance Conference Speaker, Lean Manufacturing Conference Speaker. PLC Seminars by Siemens, Logo!Soft, Management Seminars by STHEV, Hr Seminar on Crisis Management by STHEV, Standard – CRP/AED/First Aid Certification Course .

## PROFESSIONAL ORGANISATIONS

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- **Nov 2020 - Today: Member of Technical Chamber of Greece (TEE - TCG). License of Practicing Profession of Electrical & Computer Engineering. Technical Chamber of Greece (TEE - TCG) - Regional Section of Magnesia.**

## LANGUAGES

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- **English** - Certificate of Competency in English C2.
- **Greek** – Native Speaker.

**Date of Birth: 11<sup>th</sup> September 1993    Marital Status: Single    Military service: Fulfilled**

