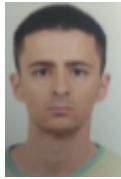


My Resume



Evangelos Poullos

Electrical Engineer

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- Angelos Poullos
- Poullos

Languages

- English (Professional)
- Greek (Native)

Career Profile (PDF)

As an electrical engineer I like problem solving. What fascinates me, however, is the use of modern interactive technologies to automate tasks.

Education

MSc in Human Computer Interaction

2019 - now

University of Patras, Greece

During the MHCI it is consolidated the creation of a good, sustainable and human-oriented interaction design. That is achieved by giving a solid and wide

overview of methods and techniques for a well-founded conception, design, implementation. The conceived UX is enhanced through cutting edge technologies like AI and VR/AR.

Master in Business Administration

2016 - 2018

University of Patras, Greece

Appealed with projects related to problem solving, giving specific solutions, especially for subjects connected to aviation i chose for Master Thesis to be dealt with the Aircraft Landing Problem at an airport, through the development of a Hybrid Differential Evolution Heuristic Algorithm. The benchmarks test problems (OR-Library, J. E. Beasley) that were used found in a valid online database. While i was attempting to solve real life transportation scheduling problems i understood and developed new optimization algorithms. Tests and management of strict resources through the powerfool tools of Matlab ended to be a lucrative process for my skills.

- Management of Information Systems
- Decision Making Using Game Theory
- Operations Research

Bachelor in Electrical and Communications Engineering

2010 - 2014

Hellenic Air Force Academy, Athens, Greece

During my Diplomatic Thesis i dealt with the automatic recognition of audio material through the development of an algorithmic tool in measurements of sounds, coming from the implementation of appropriate recording scenarios, aircrafts-helicopter (targets).

- Electromagnetic Fields
- Automatic Control Systems
- Quality Control
- Computer Architecture & Operating Systems

Experiences

Engineer of Quality Assurance Office

2019 - Present

Hellenic Air Force, 116 Combat Wing

Supervisor of the Quality Assurance Office, composed of 4 engineers

Mechanic of Organizational Level

2018 - 2019

Hellenic Air Force, 116 Combat Wing

Worked on 335 Squadron that completes her mission through Fleet of F-16 BLOCK 52+ADVANCED Aircrafts. As Maintenance Mechanic on Flight Control System of that Fleet performed a wide variety of skilled mechanic and electrical duties. (Generally the Flight Control System is responsible for transferring Pilot's commands to the Aircraft Central Flight Computer that is responsible for aircraft response through air maneuvers) My responsibilities included installing, troubleshooting, repairing and modifying mechanical equipment. During my duties i followed blueprints, drawings and general instructions to plan and layout assignments. Also performed preventative maintenance on aircrafts. Being part of the technician teams responsible for defects compensations on aircrafts developed skills like team working and management-guidance of the team members.

Engineer of Quality Assurance Office

2014 - 2018

Hellenic Air Force, 116 Combat Wing

Controlled organizational maintenance technicians in their duties, work procedures and ensured that approved methods and materials are being utilized in the performance of such work. Performed supervision regarding to work on aircraft as outlined by applicable inspection instructions, Airworthiness Directives, Service Bulletins or other approved technical information in accordance with accepted practices and ensured that such work is carried out in accordance with the applicable portions of the Quality Management System. Ensured that all items of work are recorded and signed out as required on the applicable Maintenance Control forms. Worked under the instructions and supervision of the Aircraft Maintenance Quality Department. Carried out any other assigned duties as directed by the Senior Aircraft Engineer, like controlling the deployment of the medium scale invitex exercise HNIOXOS 2018, with 5 participated countries. Also participated in the Israel's largest-ever (Blue Flag 2017) multinational air defence with 4 combat F-16 Aircrafts.

Skills & Proficiency

Quality Assurance

Troubleshooting of Electrical Systems

Project Management

Solving Real Problems

Electrical Engineering