Nikolaos **Christoforidis**

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Electrical and Computer Engineering

Aristotle University of Thessaloniki *Thessaloniki, Greece*
INTEGRATED MASTERS IN ELECTRICAL AND COMPUTER ENGINEERING *Nov 2014 – August 2020*
GPA: 7.25/10

Experience

CERTH - Visual Computing Lab *Thessaloniki, GR*
RESEARCH ASSISTANT - COMPUTER VISION *June 2021 – Present*
- Currently working on a research project called "e-OUTLAND". We are working on early forest-fire detection using images and video footage from drones.
- Reading research papers on state-of-the-art Object Detection algorithms
- Keywords: Deep Learning, Object Detection, transformers, Pytorch, Tensorflow

Central Library *Aristotle University of Thessaloniki*
IT STUDENT INTERNSHIP *Mar 2017 – Nov 2017*
- Installation of operating systems and formatting Hard Drives
- Hardware and driver installation and maintenance (graphics cards, scanners, printers)
- Editing - Correcting databases (excel)
- Maintenaining - Updating computer systems / antivirus installations

Skills

Familiarity with: Matlab, C, Python, C++, Java, R, Javascript, SQL
Foreign Languages: Certificate of Proficiency in English (C2) – University of Michigan

Projects

Diploma Thesis: Analysis of coupling direction of time series using multivariate empirical mode decomposition to extract causal relationships (Available only in Greek) *Matlab*
SUPERVISOR: PROFESSOR LEONTIOS HADJILEONTIADIS *https://cutt.ly/0k5aWiA*

Classses attended:
PATTERN RECOGNITION, DATABASES, SOFTWARE TECHNOLOGY, INTELLIGENT ROBOT SYSTEMS, OPERATING SYSTEMS (LINUX), COMPUTER GRAPHICS, DATA STRUCTURES, PROGRAMMING TECHNIQUES, MICROCONTROLLERS - MICROPROCESSORS, COMPUTER ARCHITECTURE, TELECOMMUNICATION ELECTRONICS

Certifications

Mar 2019	**"Using Open Datasets and Services towards Rapid Software Prototyping"**, Keywords: Hackathon, Docker, Node js	*Software Engineering LabGroup*