# 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", regarding early forest-fire detection using images and video footage from drones.
- Studying state-of-the-art algorithms on Object Detection
- Setting up Object Detection algorithms on the "mmdetection" API
- Keywords: Deep Learning, Object Detection, transformers, Pytorch, mmdetection

**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

**Programming languages:** Python, C, C++, Matlab
**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*

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

## Additional Information

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| Mar 2019 | **"Using Open Datasets and Services towards Rapid Software Prototyping"**, Keywords: Hackathon, Docker, Node js | *Software Engineering LabGroup* |
| | **Completed Military Service**, Hellenic Forces of Cyprus (ELDYK) - Military Rank: Corporal | |