

# Nikolaos Christoforidis

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## Electrical and Computer Engineering

### Aristotle University of Thessaloniki

ELECTRICAL AND COMPUTER ENGINEERING (INTEGRATED MASTERS)

GPA: 7.25/10

Thessaloniki, Greece

Nov 2014 – Aug 2020

## Work Experience

### BETA CAE SYSTEMS (NOW PART OF CADENCE DESIGN SYSTEMS)

QUALITY ENGINEER II (SPECIALIZED IN 3D GRAPHICS)

- Develop and execute detailed testing plans
- Monitor automated tests mechanisms (regression testing)
- Interactive (manual) testing
- Develop python scripts for automated tests
- Verification of bug fixes, validation of expected behavior of new features
- Detailed bug investigation, reporting problems using JIRA ticketing system
- Performance testing - Graphics oriented (GPU utilization, fps, VRAM, RAM)
- Manual and automated Virtual Reality testing (oculus, HTC Vive)
- Cloud testing (AWS, Azure)
- GUI testing (Squish)

Kato Scholari, Greece

November 2021 – Present

### CERTH - Visual Computing Lab

RESEARCH ASSISTANT - COMPUTER VISION

- Worked on a research project called "e-OUTLAND", regarding early forest-fire detection using images and video footage from drones.
- Studied 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

Thessaloniki, GR

June 2021 – October 2021

### Central Library

IT STUDENT INTERNSHIP

- Installation of operating systems and formatting Hard Drives
- Hardware and driver installation and maintenance (graphics cards, scanners, printers)
- Editing - Correcting databases (excel)
- Maintaining - Updating computer systems / antivirus installations

Aristotle University of Thessaloniki

Mar 2017 – Nov 2017

## Skills

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

**Other skills:** Linux, JIRA, Mercurial Git, AWS, Azure, Squish, Confluence

**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>

## Additional Information

Mar 2019

**Hackathon**, 'Using Open Datasets and Services towards Rapid Software Prototyping', Keywords: Docker, Node.js

ISSEL AUTH

**Completed Military Service**, Hellenic Forces of Cyprus (ELDYK) - Military Police Officer