

Nikolaos Christoforidis

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Electrical and Computer Engineering

Aristotle University of Thessaloniki

ELECTRICAL AND COMPUTER ENGINEERING (INTEGRATED MASTERS)

GPA: 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)

- Designed and executed comprehensive test plans for new product releases.
- Developed automation scripts to expand regression coverage and reduce manual workload.
- Investigated and verified bugs, documenting expected vs actual behavior with clear steps to reproduce the problem.
- Performed in-depth graphics performance analysis (GPU utilization, FPS, VRAM, RAM) and reported findings to development teams.
- Configured and maintained JIRA dashboards, ticketing workflows, and reporting tools for cross-team visibility.
- Led manual and automated verification for Virtual Reality features (HTC Vive & Oculus) and Cloud Testing (AWS, Azure).
- Designed and maintained GUI testcases using Squish (developed by Qt)

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 University 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

Testing skills: Manual, Automated, GUI, Regression, Validation, Verification, Cloud, VR

Programming: Python, Matlab, R, C & C++ (familiarity), Shell scripting

Tools - Platforms: Linux (Centos/Rocky), Windows, AWS (EC2), Azure, Squish (Qt), JIRA, Confluence, Mercurial Git

Foreign Languages: Certificate of Proficiency in English (C2) – University of Michigan, German (basic familiarity)

Projects

Diploma Thesis: Analysis of coupling direction of time series using multivariate empirical mode decomposition to extract causal relationships (Available only in Greek)

SUPERVISOR: PROFESSOR LEONTIOS HADJILEONTIADIS

Matlab

<https://cutt.ly/0k5aWiA>

Additional Information

Mar 2019 **Hackathon**, 'Using Open Datasets and Services towards Rapid Software Prototyping', Keywords: Docker, Node.js

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