

Thanos Andriopoulos

Elect. & Computer Engineer

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Thanos Andriopoulos

ThanosAndr

Education

MEng., Elec. & Computer Engineering

Specializations: (Grade: 7.16)

Majors:

- Electronics & Microelectronics
- Electromagnetic Waves & Telecom

Minors:

- Telecom Sys. & Computer Networks
- Management & Decision Systems

National Technical University of Athens

2014 - 2019 | Athens, Greece

Technical Skills

Programming

C++

Python • C • Cuda

C# • Javascript • PHP • Java

Technologies

Git • VSCode • Docker • Clion

QTCreator • ONNX • CMAKE • Bazel

AutoCAD • Altium Designer • Matlab

Languages

Greek (Native)

English

Spanish

Experience

Oct 2023 -

Present

RTOS Software Engineer

Klepsydra Technologies

- Contributing to the design and development of high-performance libraries for Klepsydra Technologies, with the aim of optimizing AI and general-purpose applications on embedded systems, specifically for aerospace and space applications.

Tools: C++, Python, Cuda, C, GoogleTest, CMAKE, Github, Jira, bash, Docker, onnx, RTEMS, sockets, opencv, tensorflow, pthreads

Sept 2021 -

Sept 2023

Software Engineer

KENOTOM

- Team leader of small teams up to 4 developers. Participated in projects in the automotive and biomedical industry, gained a lot of experience in C++, various build, and testing tools.

Tools: C++, C, GoogleTest, AUTOSAR, CMAKE, Bazel, Github, Jira, bash, Lauterbach, Agile, V-model

June 2020 -

Aug 2021

Research Associate

CERTH

- Participated in research projects across the AEC and entertainment industries, with responsibilities including the design of image recognition solutions and the optimization of targeted procedures.

Projects: BIMERR, Eco-Time Machine

Tools: C++, Python, Neural Networks, Machine Learning

May 2019 -

Jan 2020

Analyst & Computer Programmer

Greek Army

- During my mandatory service I gained experience mostly on system administration and automation's but also developed a Unity Based Application & a Streaming Platform.

Tools: Unity, Windows Server, Computer Networks, Batch, ffmpeg

Oct 2018 -

Apr 2019

Software Engineer

BETA CAE Systems

- Development of a tool for ANSA providing a more user-friendly environment to modify some key data elements to their projects. Also, worked on a web based dockerized photo viewer.

Projects: Data Model Editor, Web Photo Viewer

Tools: C, C++, Centos, Bash, Mercurial, valgrind, Docker, SQL, PHP, Javascript

Mar 2017 -

Oct 2018

Research Assistant

Circuits & Systems, NTUA

- As a Diploma Thesis Researcher I designed & implemented a speaker recognition system on a low power ARM processor using a feed-forward trained neural network. Also, assisted on various projects and laboratories of the group.

Tools: C, Python, Altium Designer, Atollic TrueSTUDIO, ARM, DSP, Logic Analyzer

Certifications

American College of Thessaloniki, Anatolia College

- Management Mindset (10/2022 - 12/2022)
- Leadership Beyond Management (02/2023 - 04/2023)

Others

- System & Device Drivers Development in Embedded Linux (10/2022 - 04/2023), UPatras

Activities

IEEE NTUA Student Branch, National Technical University of Athens

- Contributed to the organization of various technical talks, workshops and undergraduate student projects as volunteer. Head Organizer for numerous technical speeches, workshops, projects and events. (9/2015 - 9/2018)