

Thanos Andriopoulos

Elect. & Computer Engineer

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ThanosAndr

Education

MEng., Elec. & Computer Engineering

Specializations: (Grade: 7.16)

Majors:

- Electronics & Microelectronics
- Electromagnetic Waves & Telecom

Minors:

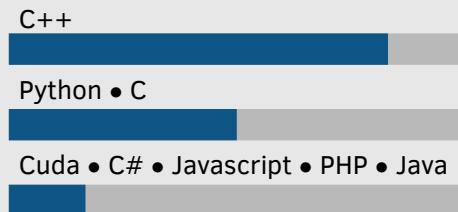
- Telecom Sys. & Computer Networks
- Management & Decision Systems

National Technical University of Athens

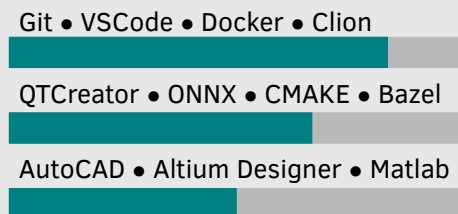
2014 - 2019 | Athens, Greece

Technical Skills

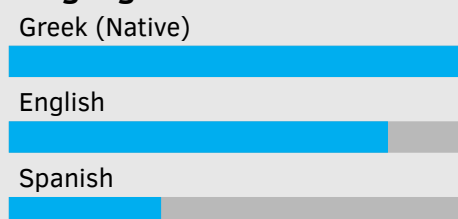
Programming



Technologies



Languages



Experience

- Oct 2023 - Present **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
- 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
- Projects related to AEC and entertainment industries applying image recognition algorithms.
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, Windows Group Policies, 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, Signal Processing, 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)