



# Thanos Andriopoulos

Elect. & Computer Engineer

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Thanassis Andriopoulos

ThanosAndr

## Education

### MSc., 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

0 LOC ——————→ 5000 LOC

C • C++

Python • Java

C# • Javascript • PHP

### Technologies

Git • Mercurial • Altium Designer

QT Creator • Atollic TrueSTUDIO

AutoCAD • Docker • Matlab

### Languages

Greek (Native)

English

## Experience

### May 2019 - Analyst & Computer Programmer

Greek Army

Jan 2020

- During my mandatory service I was able to gain experience mostly on system administration and automation of various tasks but also developed a Unity Based Application & a Streaming Platform.

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

### Oct 2018 - Software Engineer

BETA CAE Systems

Apr 2019

- Worked as member of a team using the Agile model as a development method. Development of a new tool that at the moment is part of ANSA providing a more userfriendly environment to modify some key 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 - Research Assistant

Circuits & Systems, NTUA

Oct 2018

- 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

## Projects

### Speaker Recognition System

Mar 2017 - Apr 2018

A text-independant speaker recognition system designed & implemented on an ARM processor using a feed-forward neural network.

Neural Networks

### Neural Network in C

Jan 2018 - Feb 2018

The main reason behind this project was to attain a better understanding on how a basic neural network works.

## Educational Programs

### 5/2017 Huawei's Seeds for the Future Program in China

Huawei

- Courses in Information and Communications Technologies (ICT)

### 4/2014 – Educational Trip to USA

University of Patras

5/2014

- Universities Visited: MIT, UPenn, Columbia and Maryland

## Activities

### IEEE NTUA Student Branch, National Technical University of Athens

- IEEE NTUA Student Branch: Vice-Chair & Secretary (9/2015 – 9/2017)
- IEEE TISP Week 2016: PR Coordinator & Member of the Organizing Committee
- Hellenic Student & Young Professional Congress: Fund Raising & Logistics Coordinator & Member of the Organizing Committee
- LabDay 2016, 2017: Fund Raising Coordinator, Oversight Committee
- 1<sup>st</sup> Hellenic TISP Day 2016: Main Speaker of Piraeus Event
- IEEEXtreme 9.0 & 10.0 NTUA: Head Organizer & Participant

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. Spokesperson for IEEE NTUA Student Branch in various events and congresses.