SUMMARY

Electrical and Computer Engineer graduate with experience in Computer Science and Machine Learning. Passionate about data driven solution implementations and decision making. Seeking challenging work and learning opportunities.

SKILLS

- Python, Matlab, R, C, C++, Java
- Machine Learning / Deep Learning
- Linux, Unix Bash

LANGUAGES

- Greek: Native
- English: Proficient - ECPE
- French: Advanced - DELF B2

EDUCATION

Integrated MSc in Electrical and Computer Engineering
Aristotle University of Thessaloniki (7.04 / 10)
Sept 2013 – Oct 2020, Thessaloniki, Greece

PROJECTS

`Speech Signal Separation, Individual Project | Thesis`
Oct 2019 - July 2020

- End-to-end Speech Signal Separation System
- Built on Deep Learning concepts and based on Convolutional (Recurrent) Neural Networks
- Implemented in Python, Keras and Tensorflow APIs.

`Music - Speech Classifcation, Team Project`
Oct 2018 - Feb 2019

- Based on the respective MIRex 2018 Task
- Classic Machine Learning methods (SVMs, GMMs), combined with Data Augmentation
- Implemented in Matlab and R

`"Game of Life", Team Project`
Dec 2016

- Implementation of Conway's Game of Life automaton, designed to run on Distributed Systems
- Implemented in C with MPI – OpenMPI

`Non Local Means Image Filtering, Team Project`
Jan 2017

- Implementation of the Non-Local-Means algorithm, used for digital image processing (sharpening)
- Implemented in Matlab, C and CUDA, for computational acceleration

`Network-based Positional Tracker, Individual Project`
Jul 2017

- Small project, developing a compact WiFi tracker, used to pinpoint the relevant position of individuals and vehicles in greater scale projects.
- Designed to operate on an embedded device in real time. Optimized for energy efficiency