



Eleftherios Charteros

MSC GRADUATE IN COMPUTER SCIENCE

✉ l.harteros@gmail.com | 🏠 harteros.github.io | 🌐 harteros | in lefteris-harteros

Education

Athens University of Economics and Business

Athens, Greece

4-YEAR BACHELOR OF SCIENCE IN COMPUTER SCIENCE AND INFORMATICS, GPA: 8.88/10 (EXCELLENT)

2015 - 2019

- Specialization in Artificial Intelligence/Machine Learning, Databases and Knowledge Management and Information Systems and Information Security.

Athens University of Economics and Business

Athens, Greece

MASTER OF SCIENCE IN COMPUTER SCIENCE AND INFORMATICS, GPA: 9.7/10 (EXCELLENT)

2019 - 2020

- Specialization in Artificial Intelligence/Machine Learning and Information Systems.

Educational Programs

Huawei's Seeds for the Future

Beijing and Shenzhen, China

SCHOLARSHIP PROGRAM

2018

- A 2-week study trip with cultural experiences as well intensive training concerning 5G, the Internet of Things and Artificial Intelligence from experts in the field.
- Written exams in Mandarin language, Grade 100/100.
- Written exams in ICT technologies, Grade 93/100.

Research and Publications

Athens University of Economics and Business

Athens, Greece

EDGE COMPUTING FOR HAVING AN EDGE ON CANCER TREATMENT: A MOBILE APP FOR BREAST IMAGE ANALYSIS

2019

- Publication at IEEE, IoT-Health workshop.

Athens University of Economics and Business

Athens, Greece

IMPROVING ACCURACY AND PERSONALIZATION IN FEDERATED LEARNING

2020

- MSc Thesis.

Honors and Awards

John Kavouras Award

2017

- Award from Athens University of Economics and Business for highest grade in the subjects of "Computer Systems Organization" and "Operating Systems".

Skills

Languages

- Python, Java, C/C++, Javascript, Typescript, HTML, CSS, Solidity

Software & Tools

- Pytorch, Keras, Tensorflow, Android Studio, Github, React, Angular, Firebase, Wordpress

Soft Skills

- Goal oriented, Problem solving, Organization and time management, Adaptability and flexibility

Projects

For more projects and details see: <https://github.com/harteros>

Simple Linux Shell

2017

- A simple linux shell in C supporting commands with arguments, capable of performing I/O redirections and using multiple pipes.
- Project for the undergraduate course of “Operating Systems”.

Collaborative Filtering Recommendation System with Android Application

2018

- A recommendation system that suggests to its users the best points of interest based on their check-ins.
- Project for the undergraduate course of “Distributed Systems”.

A-Star, Naive Bayes, ID3, AdaBoost Algorithms

2018

- Machine Learning algorithms written from scratch in Java.
- Projects for the undergraduate course of “Artificial Intelligence”.

Air Traffic Classification

2019

- A feature engineering and machine learning task for classifying the number of passengers in flights.
- Kaggle competition for the undergraduate course of “Data Mining”.

Multilayer Perceptron, Expectation Maximization Algorithms

2019

- A simple Multilayer Perceptron written from scratch in Python for classifying MNIST and CIFAR-10 datasets.
- The Expectation-Maximization algorithm written from scratch in Python for image compression and reconstruction.
- Projects for the undergraduate course of “Machine Learning”.

Image Classification with Convolutional Neural Networks

2020

- Experiments with multiple Convolutional Neural Network architectures and variants written in Tensorflow for classifying Fashion-MNIST images.
- Projects for the postgraduate course of “Deep Learning”.

Sentiment Analysis with Neural Networks

2020

- Sentiment analysis with Multilayer Perceptrons, Recurrent Neural Networks and Stacked Convolutional Neural Networks on the Twitter Sentiment Analysis Dataset.
- Projects for the postgraduate course of “Natural Language Processing”.

Food Ordering and Room Reservation System with Angular

2021

- Web application with Angular and Firebase for food orders, haircut reservations and booking system for Rhodes Greek Army Officers Club (lethrodou.gr)

Languages

Greek

Mother Tongue

Hungarian

Mother Tongue

English

2013

Certificate of Proficiency in English, University of Michigan.