

Apostolos Panagiotopoulos

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EDUCATION

Aristotle University of Thessaloniki (AUTH) , Thessaloniki, Greece BSc & MSc in Electrical and Computer Engineering (5 year joint degree) <ul style="list-style-type: none">• Thesis: Zero and few shot learning for image classification• Grade: 9.25/10 (top 2% in the class of 2020)	Oct 2015 - Jul 2020
Institut National des Sciences Appliquées de Toulouse , Toulouse, France Exchange student for a semester with the Erasmus+ program	Sep 2018 - Jan 2019

EXTRACURRICULAR COURSES

Natural Language Processing , Higher School of Economics <ul style="list-style-type: none">• Learned about text classification, language modeling, seq-to-seq tasks and dialog systems.• Built a Telegram chatbot in Python.	Apr 2018 - May 2018
Machine Learning , Stanford University <ul style="list-style-type: none">• Learned about Linear and Logistic Regression, NNs, SVMs and Unsupervised Learning.• Completed coursework projects in MATLAB to understand the above concepts in practice.	Jun 2017 - Aug 2017
Artificial Intelligence , BerkeleyX, CS188x <ul style="list-style-type: none">• Explored a variety of AI topics including Search, CPSs, MDPs, RL, HMM and Bayes Nets.• Completed a series of projects in Python, with the capstone being a rational Pacman agent.	Aug 2016 - Dec 2016

EXPERIENCE

Machine Learning Intern , Information Technologies Institute, CERTH Pursued a pipelined solution for extracting keyphrases from news videos, including automatic speech recognition, text restoration techniques, NLP and automatic keyphrase generation.	Jul 2019 - Sep 2019
Co-Founder , NLP-xplore Co-founded NLP-xplore, a start-up focused on dialogue systems imitating famous deceased personalities. Used Keras and Rasa for our first chatbot which tried to respond like Shakespeare.	Feb 2018 - Sep 2018
Researcher Assistant , Icarus, AUTH Worked on pose estimation of various objects for UAV object tracking and cinematography.	Nov 2017 - Jan 2018
Speaker Recognition , Built a real-time Speaker Recognition software by extracting the Mel Frequency Cepstral Coefficients of user's voice to create a Gaussian Mixture Model for each speaker.	Jul 2017 - Sep 2017
Tutor , CS National Olympiad Preparation Club Taught Algorithm and Data Structures to high school students.	Oct 2015 - Mar 2016

TECHNICAL SKILLS

Languages: Python, C/C++, Java, MATLAB, R, Assembly (MIPS)
Libraries: Pandas, NumPy, PyTorch, Tensorboard, Matplotlib
Developer Tools: Git, Docker, VS Code

AWARDS & HONORS

International Mathematical Olympiad , Honorable Mention	2015
Balkan Mathematical Olympiad , Bronze Medal	2015
Computer Science National Olympiad , top-50 finalists nationwide	2012-2015
National Physics Olympiad , top-10 finalists nationwide	2011-2015
Stanford University Mathematics Camp , Ky and Yu-Fen Fan Scholarship	2014
Princeton University Physics Competition , 7 th Place	2014