Andreas Psaroudakis

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EDUCATION

National Technical University of Athens (NTUA), Greece
Sept 2016 – Feb 2022

Diploma in Electrical and Computer Engineering (5-year joint BSc & MEng degree; 300 ECTS)

- Admission ranking in the School of Electrical and Computer Engineering (ECE): 1st
- Overall GPA: 9.22/10 "Excellent" (estimated at top 3-5% among graduating class)
- Area of Specialisation: Information Technology
- Streams: Computer Systems & Signals, Automatic Control and Robotics & Computer Software
- Diploma Thesis: "Data augmentation: Testing the effectiveness of the mixup technique in affective computing tasks in-the-wild", supervised by NTUA professor Stefanos Kollias and co-adviced by assistant professor of Queen Mary University of London Dimitrios Kollias ∼ Grade 10/10

1st General Lyceum of Preveza, Greece
Sept 2013 – June 2016

General Lyceum Apolytirion

- GPA: 20/20 (Valedictorian)
- 2nd highest nationwide marks for the Scientific field "Positive and Technological Sciences" in Greek University Entrance Examination (19,653/20,000)

RESEARCH AND WORK EXPERIENCE

Undergraduate Research and Teaching Assistant
May 2021 – Feb 2022

Artificial Intelligence and Learning Systems Laboratory, NTUA

- Laboratory teaching assistant for the course "Neural Networks and Intelligent Systems"
- Conducting research on human affect recognition tasks using Deep Learning Models
- Working on both small and large-scale facial databases (e.g. RAF-DB, AffectNet) that are manually annotated for the presence of seven discrete facial expressions (categorical model)
- Upon thesis, proving the effectiveness of mixup data augmentation technique in various expression recognision contexts in-the-wild using Deep Learning Architectures

Private Tutor, Athens
Sept 2018 – June 2019

Mathematics, Physics and Programming

- Tutored high school students in Mathematics and Physics
- Remedial teaching of Mathematics and Programming in preparation for the University Entrance Examination

HONORS AND AWARDS

Honorary distinctions and awards from the university and other organisations for achieving the highest University Entrance Examination marks in my school, my perfecture and for being admitted 1st in ECE at NTUA

Award of "The Fighters of the Polytechnic in November 1973" (800€) | NTUA	2016
Award "The Great Moment of Education" (800€) | Eurobank EFG	2016
Honorary Distinction by President of Greece for the "Best of the Best" | Eurobank EFG	2016
Regional Union award | Preveza Municipality	2016

PUBLICATIONS

[1] **Andreas Psaroudakis**, Dimitrios Kollias, "MixAugment & Mixup: Augmentation Methods for Facial Expression Recognition", 2022 IEEE/CVF Conference on Computer Vision and Pattern Recognition Workshops (CVPRW)

SKILLS

Programming: Python, Matlab, C/C++, SQL, Prolog, LaTeX
Machine Learning Frameworks: TensorFlow, Keras, scikit-learn, PyTorch
Libraries: OpenCV, Pandas, NumPy, SciPy, Matplotlib
Extracurricular: Table tennis, Football, Chess

LANGUAGES

English (Fluent): Certificate of Proficiency (University of Michigan), IELTS: 8/9 (Very Good User)

German (Intermediate): Zertifikat B1 (Goethe-Institut e.V.)

Greek (Native)