

Andreas Psaroudakis

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EDUCATION

ETH Zurich, Switzerland

Sept 2022 - Present

MSc in Computer Science (120 ECTS)

- Major: Machine Intelligence
- Minor: Data Management
- Semester Project: “3D Reconstruction and Semantic Labelling of Scenes from House-tour Videos”, supervised by ETH professor Marc Pollefeys and co-supervised by Dr. Dániel Béla Baráth and assistant professor of Stanford University Iro Armeni

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-advised 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 recognition 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, for being admitted 1st in ECE at NTUA and for graduating with excellent performance

Postgraduate Scholarship | Onassis Foundation 2022-2024

Postgraduate Scholarship | John S. Latsis Public Benefit Foundation 2022-2024

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) [[link](#)]
- [2] Dimitrios Kollias, **Andreas Psaroudakis**, Anastasios Arsenos, Paraskeui Theofilou “Facernet: a facial expression intensity estimation network”, arXiv preprint arXiv:2303.00180 [[link](#)]

SKILLS

Programming: Python, Matlab, C/C++, SQL, Prolog, L^AT_EX
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)