Georgios Milis

Contact
milis@umd.edu, milis27400@gmail.com, george@milis.gr
🌐 Google Scholar, 🔗 LinkedIn, ⓞ Github, 👤 Website

Education

University of Maryland, College Park   Aug. 2024 - present
Computer Science, PhD
Advisor: Prof. Heng Huang

National Technical University of Athens   Sep. 2018 - Apr. 2024
Electrical & Computer Engineering, MEng
GPA: 9.38/10
Advisor: Prof. Petros Maragos
Thesis: Text-driven Articulate Talking Face Generation

Experience

Teaching Assistant   Aug. 2024 - present
Department of Computer Science, University of Maryland
CMSC422: Introduction to Machine Learning

Junior Language Modeling Engineer   Oct. 2023 - Jun. 2024
ASR Language Modeling Team, Cerence Inc.
- Developed automation scripts and solved ASR issues.
- Contributed to the Greek language model, and actively maintained the production models for UK English, French, and German.

Undergraduate Research Assistant   Oct. 2022 - Apr. 2024
Intelligent Robotics and Automation Laboratory, ECE NTUA
- Worked on computer vision and speech as part of my diploma thesis.

Programming Lab Assistant   Oct. 2019 - Mar. 2020
Introduction to Programming and *Programming Techniques* courses, ECE NTUA.

Skills
Python, PyTorch, LaTeX, Bash, C/C++, Matlab, Mathematica, git, JavaScript, SQL, Assembly

Publications
1. **G. Milis**, P. P. Filntisis, A. Roussos, P. Maragos. Neural Text to Articulate Talk: Deep Text to Audiovisual Speech Synthesis achieving both Auditory and Photo-realism.

Volunteering
IEEE ICASSP 2023 Student Volunteer   June 2023

Awards

The Big Moment for Education Grant, Eurobank   2018

Physics Competition Honor, Greek Physicist Association   2017

Thales Mathematics Competition Honor, Greek Mathematical Society   2017

Languages

English (Full Professional Proficiency) - Cambridge C2, TOEFL 115/120

French (Professional Working Proficiency) - Certificat Paris-Sorbonne C1

Italian (Elementary Proficiency)