

Aggelina Chatziagapi

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Education

PhD in Computer Science

Stony Brook University

Aug. 2020 - Aug. 2025

New York

- Thesis: “Multi-Modal Neural Representations for Humans” (Advisor: Prof. Dimitris Samaras)
- Research interests: Deep Learning, Computer Vision, Multimodal Models
- Relevant coursework: Computer Vision, Machine Learning, Robotics, Natural Language Processing (GPA: 4.0)

Diploma (BSc & MSc) in Electrical and Computer Engineering

National Technical University of Athens (NTUA)

Sept. 2011 - Aug. 2017

Athens, Greece

- Thesis: “Speaker Adaptation for Speech Emotion Recognition” (Advisor: Prof. Alexandros Potamianos)
- Relevant coursework: Computer Vision, Pattern Recognition, Digital Signal Processing, Image and Video Analysis and Technology, Medical Image Processing, Speech and Natural Language Processing

Professional and Research Experience

Mirage

Member of Technical Staff

Aug. 2025 - Present

New York, NY

- Research in multi-modal (text-to-speech, text-to-video) large-scale foundation diffusion models

Computer Vision Lab, Stony Brook University

Research & Teaching Assistant

Aug. 2020 - Aug. 2025

New York

- Research in multi-modal and multi-identity neural representations for humans
- Audio-driven talking face video synthesis and expression transfer (with **Amazon Prime Video**) [\[link\]](#)
- Teaching Assistant for Machine Learning course

Meta Reality Labs

Research Scientist Intern & Student Researcher

May 2024 - Dec. 2024

Pittsburgh, PA

- Research in multi-modal diffusion models for talking avatars in conversations [\[link\]](#)

Meta Reality Labs

Research Scientist Intern & Student Researcher

May 2023 - Nov. 2023

San Francisco, CA

- Research in generalizable dynamic NeRFs for 4D full-body talking human animation [\[link\]](#)

Meta Reality Labs

Research Scientist Intern & Student Researcher

May 2022 - Nov. 2022

Seattle, WA

- Research in multi-modal (audio-visual) 4D face reconstruction [\[link\]](#)

Behavioral Signal Technologies

Machine Learning Engineer

April 2018 - May 2020

Athens, Greece

- Research in data augmentation and GANs to address data imbalance in the real world
- Developed robust models to recognize emotions and behaviors from speech in various domains and conditions
- Built the training and evaluation pipelines of the company’s ML infrastructure

Terabee (CERN spin-off)

Computer Vision Engineer Intern

Sept. 2017 - March 2018

Geneva, Switzerland

- Developed a people tracking and counting system using a ToF depth camera
- Developed an image processing algorithm to generate robot trajectories based on sensor data
- Adapted an optical character recognition system to real-world conditions

Speech and Language Processing Group, NTUA

Lab & Research Assistant

Sept. 2016 - Aug. 2017

Athens, Greece

- Carried out research in speech emotion recognition and speaker adaptation

Selected Publications

- A. Chatziagapi, L.-P. Morency, H. Gong, M. Zollhöfer, D. Samaras, and A. Richard, “AV-Flow: Transforming Text to Audio-Visual Human-like Interactions,” in *ICCV*, 2025 [\[pdf\]](#)
- A. Chatziagapi, G. G. Chrysos, and D. Samaras, “MIGS: Multi-Identity Gaussian Splatting via Tensor Decomposition,” in *ECCV*, 2024 **(oral, top 2%)** [\[pdf\]](#)
- A. Chatziagapi, B. Chaudhuri, A. Kumar, R. Ranjan, D. Samaras, and N. Sarafianos, “TalkinNeRF: Animatable Neural Fields for Full-Body Talking Humans,” in *ECCVW*, 2024 [\[pdf\]](#)
- A. Chatziagapi, G. G. Chrysos, and D. Samaras, “MI-NeRF: Learning a Single NeRF from Multiple Identities,” in *ECCVW*, 2024 [\[pdf\]](#)
- A. Chatziagapi and D. Samaras, “AVFace: Towards Detailed Audio-Visual 4D Face Reconstruction,” in *Conference on Computer Vision and Pattern Recognition (CVPR)*, 2023 [\[pdf\]](#)
- A. Chatziagapi, S. Athar, A. Jain, R. MV, V. Bhat, and D. Samaras, “LipNeRF: What is the right feature space to lip-sync a NeRF?,” *International Conference on Automatic Face and Gesture Recognition*, 2023 [\[pdf\]](#)
- A. Chatziagapi, S. Athar, F. Moreno-Noguer, and D. Samaras, “SIDER: Single-Image Neural Optimization for Facial Geometric Detail Recovery,” in *International Conference on 3D Vision (3DV)*, 2021 [\[pdf\]](#)
- A. Chatziagapi, G. Paraskevopoulos, D. Sgouropoulos, G. Pantazopoulos, M. Nikandrou, T. Giannakopoulos, A. Katsamanis, A. Potamianos, and S. Narayanan, “Data Augmentation Using GANs for Speech Emotion Recognition,” in *Interspeech*, 2019 **(oral)** [\[pdf\]](#) [\[US patent\]](#)

Technical Skills

Programming	Python, C/C++, MATLAB, UNIX Shell Scripting
Software Tools	PyTorch, Keras/TensorFlow, NumPy, OpenCV, Scikit-learn, Git

Languages

English (fluent), French (intermediate), Greek (native)

Honors and Awards

NSF Travel Grant, Doctoral Consortium, ICCV 2025	<i>Oct. 2025</i>
Grant from Amazon Prime Video, Computer Vision Lab, Stony Brook University	<i>2021 - 2023</i>
ISCA Travel Grant, Interspeech 2019, Austria	<i>Sept. 2019</i>
Erasmus Intern Traineeship Program, Switzerland	<i>Sept. 2017 - March 2018</i>
Honors, ranked 1st in math and science courses, I.M. Panagiotopoulos, Greece	<i>June 2011</i>

Other Activities

Oral presentation (spotlight), Greeks in AI 2025, Greece	<i>July 2025</i>
Co-organizer, CVPR 2025 Workshop on Deep Learning Theory [link]	<i>June 2025</i>
Volunteer, IEEE 2018 Workshop on Spoken Language Technology, Greece	<i>Dec. 2018</i>
Deep Learning Specialization, deeplearning.ai, Coursera	<i>April 2018</i>