IOANNA NTINOU

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CURRENT POSITION

Research Assistant   May 2024 - Present
Queen Mary University of London   *London, UK*

· **Research Project:** HORIZON RAIDO [link]
· Main Work: Development of GitHub Repository for the delivery of Lightweight Computer Vision models using Knowledge Distillation and Prompt Learning

EDUCATION

PhD in Computer Science   October 2020 - July 2024 (thesis submission)
Queen Mary University of London   *London, UK*

· Topic: Low-regime methods for spatio-temporal action recognition
· Supervisor: Dr. Georgios Tzimiropoulos

Visiting Scholar   May 2017 - July 2017
University of Nottingham   *Nottingham, UK*

· Topic: Deep Learning for 3D Human Pose Estimation
· Supervisor: Dr. Georgios Tzimiropoulos

MSc in Electronics and Information Processing   October 2015 - February 2018
University of Patras   *Patras, Greece*

· GPA: 8.9/10.00
· Master Thesis: Human Pose Estimation with Convolutional Neural Networks
· Supervisor: Dr. Georgios Economou

BSc in Physics   October 2010 - October 2015
University of Patras   *Patras, Greece*

· Bachelor Thesis: Content Based Image Retrieval
· Supervisor: Dr. Georgios Economou

PROFESSIONAL EXPERIENCE

Computer Vision Engineer   Oct 2023 - Feb 2024
Wallbid   *London, UK*

· Deployed project on cracked screen detection.

Research Intern   Mar 2022 - Nov 2022
Samsung AI center   *Cambridge, UK*

· Worked collaboratively in a team to develop and test models
  for action recognition in kitchen activities.
· Conducted research on spatio-temporal action recognition.

Researcher   Oct 2018 - July 2020
University of Nottingham   *Nottingham, UK*

· Conducted research on adversarial attacks on face recognition systems.
· Conducted research on users' privacy behaviour on social media.

Data Annotator Feb 2018 - Sep 2018
Leapforce at home *Remote Work*

· Contributed to the Shasta Project, annotating for better map accuracy.

Intern Jul 2015 - Sep 2015
IRIDA Labs S.A *Patras, Greece*

· Investigated the feasibility of integrating binary descriptors into the bag-of-features (BoF)

PUBLICATIONS

I. Ntinou, E. Sanchez and G. Tzimiropoulos. *Multiscale Vision Transformers meet Bipartite Matching for efficient single-stage Action Localization.* CVPR 2024.

I. Ntinou, E. Sanchez and G. Tzimiropoulos. *MeMSVD: Long-Range Temporal Structure Capturing Using Incremental SVD.* ICIP 2024 (Oral)

I. Ntinou, E. Sanchez, A. Bulat, M. Valstar, and G. Tzimiropoulos. *A Transfer Learning approach to Heatmap Regression for Action Unit intensity estimation.* TAFCC, 2021. (IF: 10.506)

TEACHING

Senior Teaching Assistant Spring 2021 - 2024
Neural Networks & Deep Learning (ECS659U/P/A), QMUL *London, UK*

· Senior demonstrator for Neural Networks & Deep Learning Laboratory (Python/PyTorch).

Teaching Assistant Fall 2021, 2023
Machine Learning ECS708U/P, QMUL *London, UK*

· Teaching assistant for the Machine Learning Laboratory (Python/PyTorch).

Teaching Assistant Fall 2019
Machine Learning G53MLE, University of Nottingham *Nottingham, UK*

· Teaching assistant for the Machine Learning Laboratory (Matlab, Tensorflow).

Teaching Assistant Fall 2016
Computer Programming CLC109, University of Patras *Patras, Greece*

· Teaching assistant for the Computer Programming Laboratory (C++, Fortran).

REVIEWING

- CVPR, AAAI, WACV, BMVC, TAFFC, ICIP, Pattern Recognition

HONORS AND RECOGNITIONS

- Diversity, Equity, and Inclusion Award for both CVPR 2024 and ICIP 2024
- QMUL Studentship, School of Electronic Engineering and Computer Science
- Horizon CDT and Defence Science and Technology Laboratory (DSTL) Scholarship
- Erasmus+ Scholarship
- National Strategic Reference Framework Scholarship

VOLUNTEERING

Volunteer Experience

· Served as Student Volunteer at NeurIPS 2019 and NeurIPS 2020