Evangelos Kazakos

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Research interests

Computer vision, image and video analysis and recognition, audio recognition, machine learning, deep learning, egocentric vision

Education

Ph.D., Computer Science — September 2017 - present
Dept. Computer Science, University of Bristol — Bristol, UK
Thesis: Audio-visual egocentric action recognition
Advisor: Dr. Dima Damen

M.Sc., Computer Science — April 2017
Dept. Computer Science and Engineering, University of Ioannina — Ioannina, GR
Thesis: Hand pose estimation with convolutional networks
Advisor: Dr. Christophoros Nikou

B.Sc., Computer Science — July 2014
Dept. Computer Science and Engineering, University of Ioannina — Ioannina, GR
Thesis: Interactive foreground extraction using iterated graph cuts
Advisor: Dr. Christophoros Nikou

Professional Experience

Summer internship — Jun 2016 - Aug 2016
Dept. Computer Science, Computational Biomedicine Lab (CBL), University of Houston, Houston, TX

- Action recognition with convolutional networks and LSTMs

Internship — Nov 2013 - Dec 2013
Tekmon Geomatics, Ioannina, GR

- Application development for information extraction from databases and storing with specific format in pdf documents
- Functions development for reading and writing information in NFC tags

Conference publications

- **E. Kazakos**, A. Nagrani, A. Zisserman, D. Damen, "EPIC-Fusion: Audio-Visual Temporal Binding for Egocentric Action Recognition," in Proc. *Proceedings of the IEEE International Conference on Computer Vision*, pp. 5492-5501, Seoul, South Korea, October 27-November 2 2019.

- D. Damen, H. Doughty, G. M. Farinella, S. Fidler, A. Furnari, **E. Kazakos**, D. Moltisanti, J. Munro, T. Perrett, W. Price, M. Wray, "Scaling egocentric vision: The EPIC-kitchens dataset," in Proc. *Proceedings of the European Conference on Computer Vision*, pp. 720-736, Munich, Germany, September 8-14 2018.

- **E. Kazakos**, C. Nikou, I. A Kakadiaris, "On the Fusion of RGB and Depth Information for Hand Pose Estimation," in Proc. *IEEE International Conference on Image Processing*, pp. 868-872, Athens, Greece, October 7-10 2018.

- M. Vrigkas, **E. Kazakos**, C. Nikou and I. A. Kakadiaris, "Inferring human activities using robust privileged probabilistic learning," in Proc. *IEEE International Conference on Computer Vision Workshops*, pp. 2658-2665, Venice, Italy, October 22-29 2017.

Teaching experience

Teaching assistant
Dept. Computer Science and Engineering, University of Ioannina, Ioannina, GR

- Compilers   Spring 2015, 2014

Teaching assistant
Dept. Computer Science, University of Bristol, Bristol, UK

- Symbols, Patterns and Signals   Spring 2017, 2018
- Applied Deep Learning   Fall 2017, 2018, 2019

Professional services

- Member, Visual Information Laboratory (VIL)   2017 - Present
- Student Member, Institute for Electrical and Electronics Engineers (IEEE)   2016 - Present
- Member, Information Processing and Analysis Research Group (I.P.AN)   2014 - 2017

Languages

- Greek (native language)
- English (fluent)
- German (basic)

Technical skills

- Computer vision and deep learning libraries: PyTorch, Keras, TensorFlow, OpenCV, and other python libraries (such as scikit-learn and scikit-image)
- Programming: C, C++, Python, MATLAB, Java, Haskell, Prolog, OpenGL