

Computer Vision and Machine Learning

Type of award PhD Research Studentship

Department Computer Science, Visual Information Research Group

Scholarship Details Scholarship covers full UK/EU PhD tuition fees and a tax-free stipend at the current RCUK rate (£15,009 in 2019/20), subject to eligibility status.

Duration 4 years

Eligibility Home/EU applicants only

Deadline 1 October 2020

PhD Topic Background/Description

You will be joining a high-active research group with leading publications (CVPR, ICCV, ECCV) in fine-grained video understanding. Details on my group's latest research projects and publications can be found at: <https://dimadamen.github.io/>. This project will focus on the multi-modal nature of understanding actions using video, audio and natural language descriptions, utilising the large-scaled dataset EPIC-Kitchens. The student will be developing novel deep architectures as well as addressing problems previously unexplored in action recognition, particularly replication of perceived actions in a simulated environment. The work is part of an EPSRC Early Career Fellowship programme and will be conducted in collaboration with researchers at Nvidia.

Prior knowledge in machine learning and computer vision is essential to applying for this funded position. Interest in video understanding should be highlighted. I am looking for a student with strong mathematical and programming skills, willing to learn, hardworking and an active team player.

Further Particulars

Candidate Requirements

Applicants must hold/achieve a minimum of a first-class degree (or international equivalent) BSc, MEng or MSc degree in computer science or a joint computer science degree.

Basic skills and knowledge required:

- strong programming knowledge in Python, using PyTorch and/or Tensorflow
- prior experience in conducting research, within a student project or as part of a research project
- strong mathematical knowledge

Scholarship Details

The scholarship will start in June 2020.

Informal enquiries

Please email Dr Dima Aldamen (Dima.Damen@bristol.ac.uk)

For general enquiries, please email sceem-pgr-admissions@bristol.ac.uk

Application Details

Prior to any application please email your full CV and transcript (translated if required) as well as an English language test (for non-native speakers) to Dima.Damen@bristol.ac.uk

Clearly highlight your nationality in the CV as applications from non-UK/EU applicants will not be considered or processed further.

After the first interview, you will be asked to complete the online application form and provide references. This will be followed by a second technical interview.

To apply for this studentship submit a PhD application using our [online application system](#) [www.bristol.ac.uk/pg-howtoapply]

Please ensure that in the Funding section you tick “I would like to be considered for a funding award from the Computer Science Department” and specify the title of the scholarship in the “other” box below with the name of the supervisor.

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