Arun Balajee Vasudevan

CONTACT ADDRESS
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INTERESTS
Computer Vision, NLP and Deep Learning

EDUCATION

ETH Zurich **Oct 2016 - Present**
PhD in Computer Vision, Advised by Prof. Luc Van Gool

Ecole Polytechnique Federale de Lausanne (EPFL) **Sept 2014 - Aug 2016**
Master in Computer Science

Indian Institute of Technology Jodhpur (IITJ) **July 2010 - May 2014**
B.Tech. in Electrical Engineering

PUBLICATIONS

Arun Balajee Vasudevan, Dengxin Dai, Luc Van Gool, "*Object Referring in Visual Scene with Language and Human Gaze*", **CVPR**, Salt Lake City, UT, USA, June 2018

Arun Balajee Vasudevan, Dengxin Dai, Luc Van Gool, "*Object Referring in Visual Scene with Spoken Language*", **WACV**, Lake Tahoe, NV, USA, March 2018

Arun Balajee Vasudevan, Michael Gygli, Anna Volokitin, Luc Van Gool, "*Query-adaptive Video Summarization via Quality-aware Relevance*", **ACM Multimedia**, Mountain View, CA, USA, October 2017

Arun Balajee Vasudevan, Srikanth Muralidharan, Shiva Pratheek Chintapalli, Shanmuganathan Raman, "*Motion Characterization of a Dynamic Scene*", International Conference on Computer Vision Theory and Applications (**VISAPP**) 2014, Lisbon, Portugal, January 5-8, 2014. (**Oral**)

Arun Balajee Vasudevan, Srikanth Muralidharan, Shiva Pratheek Chintapalli, Shanmuganathan Raman, "*Dynamic Scene Classification using Spatial and Temporal Cues*", IEEE International Conference on Computer Vision (**ICCV**) workshop, Video Event Categorization and Retrieval (VECTaR) 2013, Sydney, Australia, December 1-8 2013. (**Oral**)

RESEARCH EXPERIENCE

Intern, Technicolor R&D, Germany **July 2015 – Dec 2015**
Worked on the precise localization of landmark points on ear images using deep neural networks to guide the 2D and 3D registration of point cloud in model based 3D ear reconstruction from multiple images

Vision Science Lab, University of California Berkeley **May 2013- July 2013**
Summer Research Intern – Worked on the depth estimation from head mount stereo camera frames. Designed the experiment for the study of the effects of blur and disparity in viewing 3D in 2D display.

TEACHING EXPERIENCE

Image Analysis and Computer Vision **Fall 2016, 2017**
Teaching Assistant

AWARDS

- Finalist in **University Startup World Cup** 2015 participated by 750 teams organized by Venture Cup in Copenhagen, Denmark, in Sept 2015.
- Secured All India Rank of 3446 and 369 in **IITJEE** and **AIEEE** 2010