Amirhossein Kardoost

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Homepage

Education

University of Mannheim
Ph.D., Computer Science, Mannheim, Germany, 2017 - present

Saarland University
M.Sci., Computer Science, Saarbrücken, Germany, 2013 - 2017

Institute for Advanced Studies in Basic Sciences (IASBS)
B.Eng., Information Technology, Zanjan, Iran, 2008 - 2012

Shahed High School
Pre-University in Mathematics & Physics, Zanjan, Iran, 2006 - 2007
High School in Mathematics & Physics, Zanjan, Iran, 2002 - 2006

Research Interests

Machine Learning and Pattern Recognition
Image Analysis and Computer Vision
Image and Video Segmentation

Work Experience

Collaboration in International Conference on Contemporary Issues in Computer and Information Sciences (CICIS2012)
March.2012 - May.2012

Research Assistant (3D Reconstruction of Visual Information)
Max-Planck-Institut für Informatik (MPI)
May.2013 - February.2014

Research Assistant (Mobia Project)
German Research Center for Artificial Intelligence (DFKI)
January.2014 - December.2014

Research Assistant (Estimation of Texture Orientation)
Fraunhofer-Institut für Zerstörungsfreie Prüfverfahren (IZFP)
January.2015 - December.2015

Thesis	**Bachelor's Thesis** Machine vision - Detection and Recognition of Face with OpenCV Library **Master's Thesis** Alignment of Tilt-Series by Non-Convex Optimization
List of Papers	Solving Minimum Cost Lifted Multicut Problems by Node Agglomeration Amirhossein Kardoost and Margret Keuper Accepted, ACCV 2018 Object Segmentation Tracking from Generic Video Cues Amirhossein Kardoost, Sabine Müller, Joachim Weickert, Margret Keuper ICPR 2020 Submission (Under Review, Confidential) A Two-Stage Minimum Cost Multicut Approach to Self-Supervised Multiple Person Tracking Kalun Ho, Amirhossein Kardoost, Janis Keuper, Margret Keuper ECCV 2020 Submission (Under Review, Confidential)
Honors and Awards	**Rank 2 in Computer Science Department of (IASBS)** (Among top 10% of Class) Zanjan, Iran May.2012 **50% Tuition Scholarship from Tagliatela College of Engineering** Boston, USA September.2012
Computer Skills	**Machine Learning Libraries** PyTorch, Keras **Programming Languages** C, C++, C#, MATLAB, Python **Web Programming** HTML, CSS, JavaScript, jQuery **Programming Libraries** OpenCV, OpenGL
Language Skills	English (Fluent) German (Beginner) Persian (Native) Azerbaijani (Native)