

# Curriculum Vitae

## Personal Data

Mykhaylo Andriluka  
Max Planck Institute for Informatics  
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## Current Position

since 04/2011      **Research Scientist (Post-Doc.)**  
Max Planck Institute for Informatics, Saarbrücken, Germany  
Department of Computer Vision and Multimodal Computing

## Education

11/2006–10/2010    **Darmstadt University of Technology**  
PhD in Computer Science (with honors)  
Thesis topic: “Detection, Tracking and Pose Estimation of People in Challenging Real-World Scenes”  
Supervisor: Prof. Bernt Schiele, Prof. Stefan Roth

09/2000–09/2006    **Darmstadt University of Technology**  
Diplom (equivalent of Master of Science) in Mathematics  
Final grade: “excellent”  
Thesis topic: “Multivariate Gaussian Process Regression”  
Supervisor: Prof. Thomas Hofmann

08/2004             Bachelor diploma in mathematics.

09/1997–09/2001    **Odessa National I.I.Mechnikov University.**  
Bachelor diploma with honors in applied mathematics.

## Selected Publications

2012                 S. Tang, M. Andriluka, B. Schiele. Detection and Tracking of Occluded People. BMVC 2012, Surrey, UK, September 2012 (**accepted as oral**).

                         M. Andriluka, L. Sigal. Human Context: Modeling human-human interactions for monocular 3D pose estimation. AMDO 2012, Mallorca, Spain, July 2012 (**best paper award**).

                         M. Rohrbach, S. Amin, M. Andriluka, B. Schiele. A Database for Fine Grained Activity Detection of Cooking Activities. IEEE CVPR 2012 Providence, USA, June 2012

                         L. Pishchulin, A. Jain, M. Andriluka, T. Thormaehlen, B. Schiele. Articulated People Detection and Pose Estimation: Reshaping the Future. IEEE CVPR 2012 Providence, USA, June 2012

M. Andriluka, S. Roth, B. Schiele. Discriminative Appearance Models for Pictorial Structures. *International Journal of Computer Vision (IJCV)*, 99(3):259-280

- 2011 L. Pishchulin, A. Jain, C. Wojek, M. Andriluka, T. Thormaehlen, B. Schiele. Learning People Detection Models from Few Training Samples. *IEEE CVPR 2011*, Colorado Springs, USA, June 2011
- 2010 M. Andriluka, S. Roth, B. Schiele. Monocular 3D Pose Estimation and Tracking by Detection. *IEEE CVPR 2010*, San Francisco, USA, June 2010 (**oral presentation**).
- 2009 M. Andriluka, S. Roth, B. Schiele. Pictorial Structures Revisited: People Detection and Articulated Pose Estimation. *IEEE CVPR 2009*, Miami Beach, USA, June 2009 (**oral presentation**).
- 2008 M. Andriluka, S. Roth, B. Schiele. People-Tracking-by-Detection and People-Detection-by-Tracking. *IEEE CVPR 2008*, Anchorage, USA, June 2008 (**oral presentation**).

## **Awards and Scholarships**

- 2007 DAGM-SMI Award for the best diploma thesis in the area of image processing and pattern recognition, awarded by the German Pattern Recognition Association and SensoMotoric Instruments.
- 2006 PhD Scholarship awarded by German Research Foundation (DFG).

## **Academic Experience**

- Spring 2011 **Teaching Assistant, Max Planck Institute for Informatics**  
High-Level Computer Vision
- Spring 2008, 2009 **Teaching Assistant, Darmstadt University of Technology**  
Computer Vision I (voted by students as the most motivating exercise class of summer semester 2008).
- Fall 2001 **Teaching Assistant, Darmstadt University of Technology**  
Computer Science I
- 11/2000–09/2001 **Research Assistant, Computer Graphics Center (ZGDV)**  
Darmstadt, Germany

## **Professional Experience**

- 10/2010–03/2011 **Internship at Disney Research**  
Pittsburgh, PA, USA
- 09/2001–09/2006 **Advancis Software and Services GmbH**  
Langen, Germany  
Software developer.

## **Patents**

G. Othmezouri, I. Sakata, M. Andriluka, S. Roth, and B. Schiele. Monocular 3D pose estimation and tracking by detection. Patent pending. Filed June 12, 2010.

L. Sigal, M. Andriluka. Modeling Human-Human Interactions for Monocular 3D Pose Estimation. Patent pending. Filed April 4, 2012

## **Language skills**

Russian (native), Ukrainian (fluent), German (fluent), English (fluent)

## **Additional Qualifications**

Very good knowledge: C++, Matlab, PHP, SQL, Database Systems (especially MSSQL and MySQL)

Good knowledge: JavaScript, STL, MFC, Linux, Java

Saarbrücken, 15. August 2012