Aliaksandr Siarohin

EDUCATION

University of Trento, Italy — *Ph.D*
November 2017 - October 2021
Phd in Computer Vision group.

University of Trento, Italy — *Master (honours degree)*
September 2015 - July 2017
Master in computer science.

Yandex school of data analysis, Minsk
September 2013 - June 2015
Master's-level program in Computer Science and Data Analysis.

Belarusian State University, Minsk — Bachelor *(honours degree)*
September 2010 - June 2015
Bachelor in applied mathematics and informatics.

EXPERIENCE

Google, Moscow — Research Intern
December 2020 - April 2021

Snap Inc., Los Angeles— Research Intern
February 2020 - June 2020

Yandex, Moscow — Software Engineer
July 2014 - January 2015

IBA, Minsk — Software Engineer
February 2013 - January 2014

LINKS

Google Scholar:
https://scholar.google.it/citations?user=uMl5-k4AAAAJ&hl=en

GitHub:
https://github.com/AliaksandrSiarohin

SKILLS

Deep theoretical knowledge of computer science.
Programming Languages (C++, C#, Java, Python)

Excellent knowledge of machine learning algorithms as well as deep learning

Extensive knowledge of python libraries for data analysis and computer vision

Knowledge of Ubuntu, and Unix command line

AWARDS

December 2020 – Snap Inc. Research Fellowship

November 2016 – bronze medal in SWERC ACM ICPC

April 2010 - 2d place on the Republican School Competition on mathematics

April 2009 - 3d place on the Republican School Competition on mathematics

April 2008 - 3d place on the Republican School Competition on mathematics

LANGUAGES

Russian, English

List of publications

Aliaksandr Siarohin, Oliver Woodford, Jian Ren, Menglei Chai, Sergey Tulyakov. ***Motion Representations for Articulated Animation.*** In CVPR, 2021.

Willi Menapace, Stéphane Lathuilière, Sergey Tulyakov, Aliaksandr Siarohin, Elisa Ricci. ***Playable Video Generation.*** In CVPR, 2021.

Subhankar Roy, Aliaksandr Siarohin, Enver Sangineto, Samuel Rota Bulo, Nicu Sebe, Elisa Ricci. **TriGAN: Image-to-Image Translation for Multi-Source Domain Adaptation.** In MVAP, 2021.

Aliaksandr Siarohin, Stéphane Lathuilière, Sergey Tulyakov, Elisa Ricci, Nicu Sebe. **Motion-supervised Co-Part Segmentation.** In ICPR, 2021.

Stéphane Lathuilière, Enver Sangineto, Aliaksandr Siarohin, Nicu Sebe. **Attention-based Fusion for Multi-source Human Image Generation.** In WACV, 2020.

Aliaksandr Siarohin, Stéphane Lathuilière, Sergey Tulyakov, Elisa Ricci, Nicu Sebe. **First Order Motion Model for Image Animation.** In NeurIPS, 2019.

Subhankar Roy, Aliaksandr Siarohin, Nicu Sebe. **Unsupervised Domain Adaptation Using Full-Feature Whitening and Colouring.** In ICIAP, 2019.

Polina Zablotskaia, Aliaksandr Siarohin, Bo Zhao, Leonid Sigal. **DwNet: Dense warp-based network for pose-guided human video generation.** In BMVC, 2019.

Aliaksandr Siarohin, Stéphane Lathuilière, Enver Sangineto, Nicu Sebe. **Appearance and Pose-Conditioned Human Image Generation using Deformable GANs.** In PAMI, 2019.

Subhankar Roy, Aliaksandr Siarohin, Enver Sangineto, Samuel Rota Bulo, Nicu Sebe, Elisa Ricci. **Unsupervised Domain Adaptation using Feature-Whitening and Consensus Loss.** In CVPR, 2019.

Aliaksandr Siarohin, Stéphane Lathuilière, Sergey Tulyakov, Elisa Ricci, Nicu Sebe. **Animating arbitrary objects via deep motion transfer.** In CVPR, 2019.

Aliaksandr Siarohin, Enver Sangineto, Nicu Sebe. **Whitening and Coloring Batch Transform for GANs.** In ICLR, 2019.

Aliaksandr Siarohin, Gloria Zen, Cveta Majtanovic, Xavier Alameda-Pineda, Elisa Ricci, Nicu Sebe. **Increasing Image Memorability with Neural Style Transfer.** In ACM TOMM, 2018. **NICHOLAS GEORGANAS ACM TOMM BEST PAPER AWARD**

Aliaksandr Siarohin, Gloria Zen, Nicu Sebe, Elisa Ricci. **Enhancing Perceptual Attributes with Bayesian Style Generation.** In ACCV, 2018.

Aliaksandr Siarohin, Enver Sangineto, Stéphane Lathuilière, Nicu Sebe. **Deformable gans for pose-based human image generation.** In CVPR, 2018.

Aliaksandr Siarohin, Gloria Zen, Cveta Majtanovic, Xavier Alameda-Pineda, Elisa Ricci, Nicu Sebe. **How to make an image more memorable? A deep style transfer approach.** In ICMR, 2017.