

ARTEM SEVASTOPOLSKY

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Computer Vision & AI researcher with 8+ years of experience working on diverse research & engineering projects. At the moment, a senior Ph.D. student at TUM (prof. [Matthias Nießner](#)) with a focus on 3D generative models and digital humans. Prior experience: Meta (Reality Labs; [Codec Avatars lab](#), Pittsburgh, USA), Samsung (AI Center Moscow), Skoltech, medical imaging companies. 9 published papers, incl. at top-tier conferences (CVPR, ICCV, ECCV, WACV, 3DV). Citations: > 1300; h-index: 10.

PROFESSIONAL EXPERIENCE

Technical University of Munich (niessnerlab.org)

Research Scientist, PhD student

05/2021 - Present

- Worked on: 3D human head and hair modeling and reconstruction; face recognition with generative models.
- Published 2 papers as a first author (ICCV & 3DV), published 1 paper as a last author (WACV).
- 3 papers in submission (SIGGRAPH & ICCV).
- Supervised 3 Master's students, tutor at [3D Scanning & Motion Capture](#) Masters-level course for 6 semesters.

Meta ([Reality Labs](#), [Codec Avatars](#), Pittsburgh PA, USA)

Research Scientist Intern

06/2024 - 10/2024

- Worked on: Gaussian Reconstruction Models for one-shot Novel View Synthesis of human heads.
- Advanced existing models for the novel monocular streaming use case with SoTA results achieved.

Samsung AI Center Moscow

latest: Middle-level Deep Learning Engineer

01/2019 - 05/2021

- Worked on: 3D neural rendering, differentiable rendering; relightable human head portraits; human body texturing.
- Published 1 paper as a joint first author (3DV), 2 papers as a second author (CVPR & ECCV).
- Two US patents defended ([#11961205](#)), ([#12229880](#)).
- Supervised one research intern.

Youth Laboratories (today: [Haut.AI](#))

Deep Learning Engineer

01/2017 - 05/2018

- Led an automated eye diseases diagnosis project.
- Main researcher of a skin wrinkles analysis project, launched with Nivea (Beiersdorf AG, Hamburg). Developed a segmentation network for skin wrinkles with partial supervision.
- Organized and supervised a hackathon Skinhack 2.0.

Artec 3D (artec3d.com)

Deep Learning Intern

07/2016 - 09/2016

- Worked on: facial landmark detection from [RGB-]D images.

EDUCATION

Technical University of Munich

Munich, Germany

Ph.D. in Computer Science

2021 - Present

Topic: *Human Face and Body Representation based on Deep Learning*, prof. Matthias Nießner

Skolkovo Institute of Science and Technology

Moscow, Russia

M.Sc. in Computer Science

2019 - 2021

Topic: *Learning image deformations via deep learning* ([thesis](#)), prof. Victor Lempitsky, GPA 5.00 / 5.00 (max)

Lomonosov Moscow State University

Moscow, Russia

B.Sc. in Applied Mathematics & Informatics

2013 - 2017

Topic: *Glaucoma detection methods based on deep neural networks*, prof. Alexander D'yakonov, GPA 4.87 / 5.00

SELECTED PUBLICATIONS & PREPRINTS

Avat3r: Large Animatable GRM for High-fidelity 3D Head Avatars (page)	2025
Kirschstein T., Romero J., <u>Sevastopolsky A.</u> , Nießner M., Saito S.	in submission
GaussianSpeech: Audio-Driven Gaussian Avatars (page)	2024
Aneja S., <u>Sevastopolsky A.</u> , Thies J., Dai A., Nießner M.	in submission
HeadCraft: Modeling High-Detail Shape Variations for Animated 3DMMs (page)	2025
<u>Sevastopolsky A.</u> , Grassal P., Giebenhain S., Athar S.R., Verdoliva L., Nießner M.	3DV
TriPlaneNet: An Encoder for EG3D Inversion (page)	2024
Bhatarai A.R., Nießner M., <u>Sevastopolsky A.</u>	WACV
How to Boost Face Recognition with StyleGAN? (page)	2023
<u>Sevastopolsky A.</u> , Malkov Y., Durasov N., Verdoliva L., Nießner M.	ICCV
Relightable 3D Head Portraits from a Smartphone Video (page)	2020
<u>Sevastopolsky A.</u> , Ignatiev S., Ferrer G., Burnaev E., Lempitsky V.	
TRANSPR: Transparency Ray-Accumulating Neural 3D Scene Point Renderer (page)	2020
Kolos M.*, <u>Sevastopolsky A.*</u> , Lempitsky V.	3DV
Neural Point-Based Graphics (page)	2020
Aliiev K.-A., <u>Sevastopolsky A.</u> , Kolos M., Ulyanov D., Lempitsky V.	ECCV
Coordinate-based Texture Inpainting for Pose-Guided Human Image Generation (page)	2019
Grigorev A., <u>Sevastopolsky A.</u> , Vakhitov A., Lempitsky V.	CVPR

TEACHING

3D Scanning & Motion Capture	Technical University of Munich
6 semesters. Per semester: ~ 100 students, 6 final projects, exam.	2022 - Present
Deep Learning	Skoltech
2 semesters. Per semester: ~ 200 students, 5 final projects, exam.	2020 - 2021

THESES & GUIDED RESEARCH SUPERVISION

Rachmadio Lazuardi, B.Sc.	Technical University of Munich; Beyond Presence
Dmitrii Pozdeev, B.Sc.	Technical University of Munich
Ananta R. Bhatarai, M.Sc.	Technical University of Munich; currently: Bielefeld University
Maria Kolos, M.Sc.	Skoltech; currently: Samsung

LANGUAGES

English	Full working proficiency
German	Limited working proficiency
Russian	Native

* denotes equal contribution