Berna Kabadayı

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RESEARCH INTEREST	Computer Graphics, 3D Reconstruction, Neural Rendering, Digital Humans	

EDUCATION

Max Planck Institute for Intelligent Systems	Apr 2022 - now
PhD in Computer Science, Advised by Justus Thies and Gerard Pons-Moll	
Technical University of Munich	Oct 2018 - Sept 2021
M.Sc., Computer Science, Advised by Angela Dai	Munich, Germany
"Learning to Reconstruct 3D Objects by Part-based Template Deformation"	
Middle East Technical University	Sep 2013 - Jun 2017
B.Sc., Computer Engineering	Ankara, Turkey
ETH Zurich	Jul 2016 - Sep 2016
Visiting Student, D-ITET	Zurich, Switzerland

PUBLICATIONS

B. Kabadayi, W. Zielonka, B. Bhatnagar, G. Pons-Moll, J. Thies. GAN-Avatar: Controllable Personalized GAN-based Human Head Avatar. *International Conference on 3D Vision (3DV), 2024.*

J. Nehvi, **B. Kabadayi**, J. Valentin, J. Thies. 360° Volumetric Portrait Avatar. *Arxiv 2023*

RESEARCH EXPERIENCE

Summer Geometry Institute, MIT	Jul 2021, Aug 2021
SGI Fellow sgi.mit.edu	
Amazon Inc., Berlin, Germany	Summer 2020, 2021
Intern, Applied Science, Computer Vision	
Visual Computing Lab, TUM	Apr 2020 - Sept 2020
IDP Student, Advised by Angela Dai	
ETH Zurich Computer Vision Lab, Zurich, Switzerland	Jul 2016 - Sep 2016
Undergraduate Research Intern	

TEACHING EXPERIENCE

Technical University of Munich	Apr 2021 - Sept 2021
Student Teaching Assistant, Introduction to Deep Learning (IN2346)	

HONORS AND AWARDS

IMPRS-IS Scholar, 2022-now
Summer Geometry Institute, MIT, 2021 *Fellow*
GHC Women in Computing, 2020, *TUM IFF scholar*
ICML 2020, ISMAR 2020 *Volunteer Student, Conference grant*
4th place METU Senior Project Competition, *BMO Special Award*
Haci Omer Sabanci Foundation Scholarship (2012 - 2017)
TUBITAK Chemistry High School Olympiad Student (2010 - 2012)
Honor standing, High honor standing (Fall 2016, Spring 2016)

INDUSTRY EXPERIENCE

Amazon Inc., Berlin, Germany   Summer 2019
SDE Intern, AWS Resource Groups

Seven Bridges Genomics Inc., Ankara, Turkey   Jul 2017 - Sep 2018
R & D Engineer, The Graph Genome Team