

PHONG HA NGUYEN

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EDUCATION

University of Oulu, Finland <i>Ph.D in Computer Science and Engineering</i>	<i>Sep 2018 - present</i>
Dongguk University, South Korea <i>Master of Electronics and Electrical Engineering</i>	<i>Sep 2016 - August 2018</i>
Ha Noi University of Science and Technology, Viet Nam <i>Bachelor in Mechatronics Engineering</i>	<i>Sep 2010 - August 2015</i>

TECHNICAL SKILLS

Programming:	Python, C/C++
Software & Tools:	Pytorch, Tensorflow, Git

WORK EXPERIENCE

Research Scientist (Virtual Tryon) <i>Advisor: Dr. Minh Vo and Dr. Aayush Bansal</i> SpreeAI, USA	<i>Sep 2023 - present</i>
PhD Student and Research Assistant (3D Machine Vision & Deep Learning) <i>Advisor: Prof. Janne Heikkila and Prof. Esa Rahtu</i> Center for Machine Vision and Signal Analysis, University of Oulu, Oulu, Finland	<i>Sep 2018 - 2023</i>
Research Scientist Intern (Dynamic Novel View Synthesis) <i>Advisor: Sanja Fidler, Sameh Khamis, Francis Williams, Zan Gojcic, Or Litany</i> NVIDIA Toronto AI Lab	<i>May 2022 - January 2023</i>
Research Scientist Intern (Photorealistic Telepresence) <i>Advisor: Nikolaos Sarafianos, Christoph Lassner, Tony Tung</i> Meta Reality Labs Research, Sausalito	<i>May 2021 - November 2021</i>

RECENT PUBLICATIONS

1. DiverseDream: Diversifying Text-to-3D Synthesis Uy Dieu Tran, Minh Luu Nguyen Hoang, <u>Phong Nguyen-Ha</u> , Janne Heikkila, Khoi Nguyen, Binh-Son Hua	<i>in submission</i>
2. Cascaded and Generalizable Neural Radiance Fields for Fast View Synthesis <u>Phong Nguyen-Ha</u> , Lam Huynh, Esa Rahtu, Jiri Matas, Janne Heikkila	<i>TPAMI 2023</i>
3. Free-Viewpoint RGB-D Human Performance Capture and Rendering <u>Phong Nguyen-Ha</u> , Nikolaos Sarafianos, Christoph Lassner, Janne Heikkilä, Tony Tung	<i>ECCV 2022</i>
4. RGBD-Net: Predicting color and depth images for novel views synthesis <u>Phong Nguyen-Ha</u> , Animesh Karnewar, Lam Huynh, Esa Rahtu, Jiri Matas, Janne Heikkila	<i>3DV 2021</i>
5. Sequential View Synthesis with Transformer <u>Phong Nguyen-Ha</u> , Lam Huynh, Esa Rahtu, Janne Heikkila	<i>ACCV 2020</i>

TEACHING EXPERIENCES

• Teaching Assistant at Deep Learning course	<i>Fall 2021, Fall 2022</i>
• Teaching Assistant at Machine Vision course	<i>Spring 2019, Spring 2020</i>

AWARD

• Best paper award at 21st Scandinavian Conference on Image Analysis, Norrköping, Sweden	2019
• Finalist at Qualcomm Technologies AI Developer Contest	2017