PHONG HA NGUYEN

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https://github.com/phongnhhn92

EDUCATION

University of Oulu, Finland *Sep 2018 - 2023*
Ph.D in Computer Science and Engineering

Dongguk University, South Korea *Sep 2016 - August 2018*
Master of Electronics and Electrical Engineering

Ha Noi University of Science and Technology, Viet Nam *Sep 2010 - August 2015*
Bachelor in Mechatronics Engineering

TECHNICAL SKILLS

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

WORK EXPERIENCE

Research Scientist (2D/3D Neural Rendering) *March 2024 - present*
VinAI, Viet Nam

Research Scientist (Virtual Tryon) *Sep 2023 - Febuary 2024*
SpreeAI, USA

PhD Student and Research Assistant (3D Machine Vision & Deep Learning) *Sep 2018 - 2023*
Advisor: Prof. Janne Heikkila and Prof. Esa Rahtu
Center for Machine Vision and Signal Analysis, University of Oulu, Oulu, Finland

Research Scientist Intern (Dynamic Novel View Synthesis) *May 2022 - January 2023*
Advisor: Sanja Fidler, Sameh Khamis, Francis Williams, Zan Gojcic, Or Litany
NVIDIA Toronto AI Lab

Research Scientist Intern (Photorealistic Telepresence) *May 2021 - November 2021*
Advisor: Nikolaos Sarafianos, Christoph Lassner, Tony Tung
Meta Reality Labs Research, Sausalito

RECENT PUBLICATIONS

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

AWARD

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