

PHONG HA NGUYEN

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RESEARCH BACKGROUND

- 3D Machine Vision and Machine Learning
- Deep learning based approaches for novel view synthesis, neural rendering
- Deep generative model

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, OpenCV, Github

WORK EXPERIENCE

PhD Student and Research Assistant <i>Advisor:</i> Prof. Janne Heikkila and Prof. Esa Rahtu Center for Machine Vision and Signal Analysis, University of Oulu, Oulu, Finland	<i>Sep 2018 - present</i>
Research Intern <i>Advisor:</i> Nikolaos Sarafianos Facebook Reality Labs Research	<i>May 2021 - November 2021</i>
Ms Student and Research Assistant <i>Advisor:</i> Prof. Kang Ryoung Park Image Signal Processing & Recognition Lab, Dongguk University, Seoul, South Korea	<i>Sep 2016 - August 2018</i>
Junior C++ Developer FPT Software, Ha Noi, Viet Nam	<i>Sep 2015 - June 2016</i>

RECENT PUBLICATIONS

1. **Human View Synthesis using a single sparse RGB-D input** *ongoing submission*
Summer internship project at Facebook Reality Labs.
2. **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
3. **Sequential View Synthesis with Transformer** *ACCV 2020*
[Phong Nguyen-Ha](#), Lam Huynh, Esa Rahtu, Janne Heikkila
4. **Guiding Monocular Depth Estimation Using Depth-Attention Volume** *ECCV 2020*
Lam Huynh, [Phong Nguyen-Ha](#), Esa Rahtu, Janne Heikkila

5. Predicting Novel Views Using Generative Adversarial Query Network

SCIA 2019

Phong Nguyen-Ha, Lam Huynh, Esa Rahtu, Janne Heikkila

SCIA 2019 Springer *best paper award*

AWARD

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

ADDITIONAL LINKS

- [Google Scholar](#)
- [LinkedIn](#)
- [Personal Website](#)