

# PHONG HA NGUYEN

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🌐 <https://github.com/phongnhhn92>

## EDUCATION

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

## TECHNICAL SKILLS

<b>Programming:</b>	Python, C/C++
<b>Software &amp; Tools:</b>	Pytorch, Tensorflow, Git

## WORK EXPERIENCE

<b>Research Scientist</b> (Generative AI for Digital Human) <i>Advisor:</i> Dr. Minh Vo Spree3D, USA	<i>June 2023 - present</i>
<b>PhD Student and Research Assistant</b> (3D Machine Vision & Deep Learning) <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 - 2023</i>
<b>Research Scientist Intern</b> (Dynamic Novel View Synthesis) <i>Advisor:</i> Sanja Fidler, Sameh Khamis, Francis Williams, Zan Gojcic, Or Litany NVIDIA Toronto AI Lab	<i>May 2022 - January 2023</i>
<b>Research Scientist Intern</b> (Photorealistic Telepresence) <i>Advisor:</i> Nikolaos Sarafianos, Christoph Lassner, Tony Tung Meta Reality Labs Research, Sausalito	<i>May 2021 - November 2021</i>

## RECENT PUBLICATIONS

- HRF-Net: Holistic Radiance Fields from Sparse Inputs** *under major revision at TPAMI*  
Phong Nguyen-Ha, Lam Huynh, Esa Rahtu, Jiri Matas, Janne Heikkila
- Free-Viewpoint RGB-D Human Performance Capture and Rendering** *ECCV 2022*  
Phong Nguyen-Ha, Nikolaos Sarafianos, Christoph Lassner, Janne Heikkilä, Tony Tung
- 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
- Sequential View Synthesis with Transformer** *ACCV 2020*  
Phong Nguyen-Ha, Lam Huynh, Esa Rahtu, Janne Heikkila
- Guiding Monocular Depth Estimation Using Depth-Attention Volume** *ECCV 2020*  
Lam Huynh, Phong Nguyen-Ha, Esa Rahtu, Janne Heikkila

## AWARD

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