

PHONG HA NGUYEN

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🌐 <https://github.com/phongnhn92>

RESEARCH BACKGROUND

- Computer Vision and Machine Learning
- A deep learning based approach of novel view synthesis
- Deep generative model (GANs, VAE)

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: Prof. Janne Heikkila and Prof. Esa Rahtu</i> Center for Machine Vision and Signal Analysis, University of Oulu, Oulu, Finland	<i>Sep 2018 - present</i>
Ms Student and Research Assistant <i>Advisor: Prof. Kang Ryoung Park</i> 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>

SELECTED PUBLICATIONS

1. **Sequential View Synthesis with Transformer** *ongoing submission*
Phong Nguyen-Ha, Lam Huynh, Esa Rahtu, Janne Heikkila
2. **Guiding Monocular Depth Estimation Using Depth-Attention Volume** *ECCV 2020*
Lam Huynh, Phong Nguyen-Ha, Esa Rahtu, Janne Heikkila
3. **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*
4. **LightDenseYOLO: A Fast and Accurate Marker Tracker for Autonomous UAV Landing by Visible Light Camera Sensor on Drone** *Sensors (2018)*
Phong Ha Nguyen, Noi Quang Truong, and Kang Ryoung Park

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](#)