

# Tin Nguyen Thanh - AI Researcher

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## CONTACT INFORMATION

Seoul, Korea

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## Research Interest

- Vision-Language
  - Deep Reinforcement Learning
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## Education

**Sejong University**, Seoul, Korea. 2020–2022

- Researcher, Computer Science and Engineering.
- Advisor: Prof. Kim Yong Guk.

**University of Science - Vietnam National University**, Ho Chi Minh, Vietnam. 2015–2019

- B.Sc., Computer Vision and Robotics.
  - Thesis: *A New Framework of Moving Object Tracking based on Object Detection - Tracking with Removal of Moving Features using Stereo Camera and IMU*.
  - Advisor: Prof. Ly Quoc Ngoc.
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## Technical Skills

- *Programming Languages*: C/C++, Python.
  - *Tools*: Tensorflow, Pytorch, Git, ROS, Ubuntu, Windows.
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## Work Experience

- **AI Engineer** 2019–2020  
Ohmnilabs Company, Ho Chi Minh city, Vietnam.  
Implementations of Object Tracking, Visual SLAM for Ohmni Robots.
    - using TPU Google Coral to deploy AI model on Ohmni Robots.
  - **AI Engineer** 2018–2019  
AIOZ Company, Ho Chi Minh city, Vietnam.  
Implementations for various projects such as Instance Segmentation, Face Recognition, and License Plate Recognition.
    - Doing demo projects.
  - **AI Engineer Intern** 2018  
Gumi Company, Vietnam.  
Learning Object Detection and Optical Character Recognition.
    - Doing projects for Japanese customers.
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## Journals

1. **Nguyen Thanh Tin**, Ly Quoc Ngoc, , Le Bao Tuan, *et. al.*, “A New Framework of Moving Object Tracking based on Object Detection-Tracking with Removal of Moving Features using Stereo Camera and IMU”. *International Journal of Advanced Computer Science and Applications (IJACSA)*, 2020. [\[Link paper\]](#)
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## Challenges / Workshops

1. **Thanh Tin Nguyen**. “Memotion 2.0 First Workshop on Multimodal Fact-Checking and Hate Speech Detection”. *3rd AAAI Workshop*, 2022. [[Link project](#)]
  2. **Thanh Tin Nguyen**, Long H. Nguyen, Nhat Truong Pham, Van Huong Do, Hai Nguyen, Ngoc Duy Nguyen. “VieCap4H Challenge: Automatic image caption generation for healthcare domains in Vietnamese”. *3rd at Proceedings of the 8th International Workshop on Vietnamese Language and Speech Processing*, 2021. [[Link project](#)]
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## Draft/In progress

1. **Thanh Tin Nguyen**. “Single and Multiple Agent Learn to Navigate through Instruction”. [[Link project](#)]