Trung Nguyen

PERSONAL DETAILS

Website	https://trung6.github.io
Email	trungnguyen@utexas.edu

EDUCATION

Graduate   `2022-2027`
University of Texas at Austin
> PhD student in Computer Science

Undergraduate   `2015-2020`
Hanoi University of Science and Technology, Vietnam
> Student at Talent Program in Mathematics and Informatics

EXPERIENCES

Research Engineer   `01/2022 - 05/2022`
VinAI, https://vinai.io/
> Develop tools that accelerate time to source and prepare high quality data

AI Resident   `01/2020 - 12/2021`
VinAI, https://vinai.io/
> Work on research problems

PUBLICATIONS

Point-set Distances for Learning Representations of 3D Point Clouds   `ICCV 2021`
Trung Nguyen, Quang-Hieu Pham, Tam Le, Tung Pham, Nhat Ho, Binh-Son Hua

- We study the effects of different types of loss functions on learning representation for point clouds using auto-encoders.
- Link: https://arxiv.org/abs/2102.04014

Detecting Hands and Recognizing Physical Contact in the Wild   `NeurIPS 2020`
Supreeth Narasimhaswamy, Trung Nguyen, Minh Hoai

- We propose a large-scale dataset and a neural network module for recognizing the physical contact state of hands.
- Link: https://arxiv.org/abs/2010.09676

Single-Click 3D Object Annotation on LiDAR Point Clouds   `NeurIPS workshop 2021`

Trung Nguyen, Binh-Son Hua, Duc Thanh Nguyen, Dinh Phung

- We propose a method based on supervised learning for single-click 3D object annotation on LiDAR point clouds.
- Link: https://bit.ly/3p0b6rC

The convergence of the Regula Falsi method   `Technical Report`
Trung Nguyen

- We prove mathematically the convergence of the Regula Falsi method for continuous functions.
- Link: http://arxiv.org/abs/2109.03523

FELLOWSHIPS AND AWARDS

- "National Program for the Development of Mathematics" scholarship, Vietnam Ministry of Education and Training, semester 1, 2017.
- Second prize at Calculus, Vietnam National Mathematical Olympiad for Students, 2016.
- Scholarship of Hanoi University of Science and Technology, school-years 2015-16, 2017-18.

SKILLS

Languages	Vietnamese (mother tongue), English (IELTS 7.0)
Software	LaTeX, HTML/CSS, Matlab, Python, JS (React), Git, Docker