

RESEARCH INTERESTS

I have strong background in Mathematics and Computer Vision. My research interests are computer vision, biometrics and pattern recognition using deep learning.

EDUCATION

Michigan State University, East Lansing, MI
Ph.D. in Computer Science
• Advisor: Prof. Anil K. Jain

Aug 2017 – present

University of Science, Vietnam National University HCMC
B.S. (Honors) in Computer Science.
• Overall GPA: **9.27/10.0** (Summa cum laude, rank 1/500)
• Advisor: Prof. Minh-Triet Tran

Sep 2012 – Sep 2016

PUBLICATIONS

1. **Dinh-Luan Nguyen**, Pierre-Luc St-Charles, Guillaume-Alexandre Bilodeau, “**Non-planar Infrared-Visible Registration for Uncalibrated Stereo Pairs**”, *IEEE Conference on Computer Vision and Pattern Recognition Workshops (CVPRW 2016)* [Oral]
2. **Dinh-Luan Nguyen**, Minh-Triet Tran, “**VFSC: A Very Fast Sparse Clustering to Cluster Faces from Videos**”, *Asian Conference on Computer Vision Workshop (ACCV workshop 2016)*
3. Vinh-Tiep Nguyen, **Dinh-Luan Nguyen**, Minh-Triet Tran, Duy Dinh Le, Duc Anh Duong, Shin’ichi Satoh, “**Query-Adaptive Late Fusion with Neural Network for Instance Search**”, *International Workshop on Multimedia Signal Processing (MMSP 2015)* [Oral] [Top 10% Paper Award] [Student Travel Grant IEEE 2015]
4. **Dinh-Luan Nguyen**, Vinh-Tiep Nguyen, Minh-Triet Tran, Atsuo Yoshitaka, “**Deep Convolutional Neural Network in Deformable Part Models for Face Detection**”, *Pacific Rim Symposium on Image and Video Technology (PSIVT 2015)* [Oral] [Best Poster Award at RS2017]
5. **Dinh-Luan Nguyen**, Vinh-Tiep Nguyen, Minh-Triet Tran, Atsuo Yoshitaka, “**Adaptive WildNet Face Network for Detecting Face in the Wild**”, *International Conference on Machine Vision (ICMV 2015)* [Oral]
6. **Dinh-Luan Nguyen**, Vinh-Tiep Nguyen, Minh-Triet Tran, Atsuo Yoshitaka, “**Boosting Speed and Accuracy in Deformable Part Models for Face Image in the Wild**”, *International Conference on Advanced Computing and Applications (ACOMP 2015)* [Oral]

RESEARCH EXPERIENCES

Tohoku University, Japan
Computer Vision Lab

Mar 2017 – Jun 2017

- Research in Activity Recognition using Deep Learning
- Advisor: Prof. Takayuki Okatani

Max Planck Institute for Software Systems, Germany	Oct 2016 – Feb 2017
<ul style="list-style-type: none"> ➤ Research in Computer Vision in Mobile Security using Deep Learning ➤ Advisor: Prof. Peter Druschel 	
European Organization for Nuclear Research (CERN), Switzerland	Jun 2016 – Aug 2016
<ul style="list-style-type: none"> ➤ Research in Web developing of Pixel Detector ➤ Advisor: Dr. Clemens Lange 	
École Polytechnique de Montréal, University de Montréal, Canada	Jun 2015 – Sep 2015
<i>Images and Video Processing Laboratory (LITIV Lab)</i>	
<ul style="list-style-type: none"> ➤ Research in Non-planar Thermal – Visible video registration ➤ Advisor: Prof. Guillaume-Alexandre Bilodeau 	
National Institute of Informatics, Japan	Mar 2015 – Sep 2015
University of Information Technology, VNU-HCMC, Vietnam	
<i>Multimedia Communications Lab (MMSLab)</i>	
<ul style="list-style-type: none"> ➤ Member of NII-UIT team research in Large Scale video search ➤ Runner Up (2015) team in TRECVID INSTANCE SEARCH competition of NIST 	
Japan Advanced Institute of Science and Technology, Japan	Jan 2015 – Mar 2015
<i>Image Information Processing Lab (Yoshitaka Lab)</i>	
<ul style="list-style-type: none"> ➤ Research in Novel Framework on Video Processing that fits to Human Perception. ➤ Advisor: Prof. Atsuo Yoshitaka 	
University of Science, Vietnam National University Ho Chi Minh city, Vietnam	Sep 2013 – Sep 2016
<i>Multimedia - Computer Vision Lab</i>	
<ul style="list-style-type: none"> ➤ Research in Human-Computer Interaction ➤ Advisor: Prof. Minh-Triet Tran 	

SELECTED AWARDS/ GRANTS/ FELLOWSHIPS

2017: **VEF Fellow** (Vietnam Education Foundation)

2017: **Honda Y-E-S Plus Award**

2017: **Best Poster Award** in 1st UTS-VNU Research School, **Travel Grant**

2017: **First Prize** in Undergraduate Research Competition, Ministry of Education and Training, Vietnam

2016: **Honda Y-E-S Award** for 10 excellent Young Engineers and Scientists, Honda Foundation, Japan

2016: **ICT Award** for Top 5 excellent students in research and studying in Ho Chi Minh city, Vietnam

2016: **National “Student with five good merits” Award** (2012-2016)

2016: **First Prize** in Eureka Undergraduate Research Competition, Ministry of Science and Technology, Vietnam

2016: **Gold Medal** in Creativity Youth Festival for young inventor, Central Youth Union, Vietnam

2016: **Honors** of Ho Chi Minh City, Vietnamese Government in Scientific research and study (2012-2016)

2016: **Dean’s List, Top 1** of Honors Program, University of Science, VNU-HCMC (2012 – 2016)

2016: **Top 9** in “Talents of Vietnam” Award (2015-2016)

2016: **Best Presentation Award** in The 1st International Student Science Forum (ISSF)

2015: **Top 10% Paper Award** in MMSP 2015 international conference

2015: **Student Travel Grant** IEEE for attending MMSP 2015
 2015: **Medal “Youth Creativity”** of Central Youth Union, Vietnam
 2015: **Golden Globe Award** for the 10 Most Outstanding Youths in Information Technologies of Vietnam
 2015: **Mitacs Globalink Research Award** for conducting high impact research in Canada
 2015: **JASSO Scholarship** for research intern in Japan
 2015: **Runner Up** team in TRECVID INSTANCE SEARCH competition of NIST
 2015: **Member in** ACM/ICPC team Vietnam National Programming Olympiad (2013-2015)
 2015: **Top 10** Microsoft Imagine Cup, Vietnam
 2014: **Top Prize** in Nokia X Hackathon, Microsoft
 2013: **First Prize** in Academic contests in University of Science, VNU-HCMC, Vietnam
 2012: **Third prize** in Vietnam National Mathematical Olympiad
 2012: **First prize** in Vietnam Provincial Mathematical Olympiad
 2011: **Silver Medal** in Vietnam Southern Mathematical Olympiad

EXTRACURRICULAR ACTIVITIES

Vietnam Delegate <i>International Student Science Forum (ISSF)</i>	Apr 2016
Vietnam Delegate <i>Vietnam - Japan exchange culture, Osaka, Japan</i>	Mar 2016
Vietnam Delegate <i>Research Workshop on Computer Science and Information Systems, NUS, Singapore</i>	Jan 2016
Ho Chi Minh city representative <i>2nd Vietnam Youth Talent</i>	Dec 2015
Vietnam Delegate <i>JENESYS 2.0 program between Japan – Asian Government</i>	Sep 2014

REFERENCES

✓ **Assoc. Prof. Minh-Triet TRAN**

Faculty of Information Technology, University of Science, VNU-HCMC
 Email: tmtriet@fit.hcmus.edu.vn

✓ **Prof. Guillaume-Alexandre Bilodeau**

Department of Computer and Software Engineering, Polytechnique Montréal
 Email: gabilodeau@polymtl.ca