An T. Le

Personal Data

Place and Date of Birth:	Ho Chi Minh City, Vietnam | November 11th 1997
Address:	Berliner Str. 19, 64521 Gross-Gerau, Germany
Phone:	+49171 9440393
email:	eeit2015_an.lt@student.vgu.edu.vn

Education

Frankfurt University of Applied Sciences (Taught in English) **Frankfurt am Main, Germany**
Bachelor of Electrical Engineering and Information Technologies **Sep 2015 to present**

- GPA: 1.4 (German grade)
- Class Rank: 3/33
- Honor: Excellency Scholarship 2015, 2016, 2017 and 2018.
- Working Language: English: IELTS 6.5/9.0 (Certified in August, 2015)
- Letter of References: Available upon request.
- Programming Skills: Advanced Python, Advanced C++, UNIX, MATLAB. Highly Experienced in ROS, PCL, Boost, scikit-learn, numpy, pandas, openAI Gym, tensorflow.

Le Hong Phong High School for the gifted **Ho chi Minh city, Vietnam**
Major in Physics **May 2012 to May 2015**
GPA: 9.2/10

Research Experiences

Conference Papers

1. **An T. Le**, *M. Q. Bui, T. D. Le and N. Peter,* "D* Lite with Reset: Improved Version of D* Lite for Complex Environment," 2017 First IEEE International Conference on Robotic Computing (IRC), Taichung, 2017, pp. 160-163. doi: 10.1109/IRC.2017.52

2. *T. D. Le,* **An T. Le** *and D. T. Nguyen,* "Model-based Q-learning for humanoid robots," 2017 18th International Conference on Advanced Robotics (ICAR), Hong Kong, China, 2017, pp. 608-613. doi: 10.1109/ICAR.2017.8023674

3. *Q. H. Nguyen, T. N. P. Tran, D. D. Huynh,* **An T. Le** *and T. D. Le,* "Real-Time Localization and Tracking System with Multiple-Angle Views for Human Robot Interaction," 2017 First IEEE International Conference on Robotic Computing (IRC), Taichung, 2017, pp. 316-319. doi: 10.1109/IRC.2017.53

Book Chapters

1. *Khiem N. Doan,* **An T. Le**, *Than. D. Le & Pether Nauth. (2015). "Swarm Robots' communication and cooperation in motion planning". In Dan Zang & Bin Wei(Eds.), Lecture Notes in Mechanical Engineering (Part I, Chapter 15) Mechatronics and Robotics Engineering for*

Advanced and Intelligent Manufacturing (pp 191-205), Springer International Publishing. DOI 10.1007/978-3-319-33581-0_15.

2. An T. Le and Than D. Le (September 26th 2018). Search-Based Planning and Replanning in Robotics and Autonomous Systems, Advanced Path Planning for Mobile Entities, Rastislav Róka, IntechOpen, DOI: 10.5772/intechopen.71663. Available here.

Workshops

1. **Presented An T. Le**, "Search-based path planning and re-planning for robotics" The first International Workshop on Automation and Robotics, Vietnamese-German University, Vietnam, 2017.

Open-source projects and Competitions

Google Summer of Code 2018 Institute of Artificial Intelligence, University of Bremen
Successful Participant **May 2018 to August 2018**

- Implement paralleled pipelines handler API and enhance the processing effectiveness of RoboSherlock.

Project: [link]. Documentation: [link]. Certification: [link].

Google Summer of Code 2017 Institute of Artificial Intelligence, University of Bremen
Successful Participant **June 2017 to August 2017**

- Implement state-of-the-art Symmetry-based Object Segmentation in knowledge intensive scenarios algorithm on RoboSherlock perception framework, therefore enables it to do more complex tasks.

Project: [link]. Demo: [link] Documentation: [link]. Certification: [link].

UNESCO Hackathon Vietnam 2018 FOSSASIA UNESCO Hackathon Vietnam 2018
First-place Winner October 2018
Project: [link].

Working Experiences

EyeQ Ltd. Ho Chi Minh City, Vietnam
Robotics Engineer Intern, Full-time **March 2018 to August 2018**

- Collaborating with dev team to develop practical technical solution for customers, using state-of-the-art Deep Learning models.
- Developing autonomous navigation model for mobile robot that can apply in many industrial applications.

Intel Corporation Ho Chi Minh City, Vietnam
Product Development Engineer Intern **Jan 2017 to May 2017**

- Design and develop automated data systems to process and analyze high volume unit test data in Intel Assembly & Test Manufacturing.
- Weekly validate and report the quality of Intel Thunderbolt Product.

Letter of Evaluation can be viewed in this link.