

Quang Nhat Nguyen Le

MACHINE LEARNING DEVELOPER · MECHANICAL ENGINEER

KLEVE 47533, Germany

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Experience

Robert Bosch Engineering and Business Solutions Vietnam Company Limited

Ho Chi Minh City, Vietnam

TECHNICAL ANALYST FOR FOREIGN TRADE

Oct. 2017 - Feb. 2018

- Building up Master data for Foreign Trade share service included Harmonize system code, preferential determination, and export control for all products of Bosch worldwide.
- Analysis Bill of Material of product for preferential calculation.

Samsung Electronic Ho Chi Minh CE Complex

Ho Chi Minh City, Vietnam

DIGITAL APPLIANCES ENGINEER- SENIOR STAFF

June. 2016 - Aug. 2017

- Design and develop new models of Samsung refrigerators.
- Initiates and provides technical direction to enhance production methods, improve parts and reduce production costs.
- Develops methods, programs and plans to predict, track, and report production costs during design development.

Skills

ML Frameworks	Tensorflow, Keras, Pytorch
Programming	Python, Java, C++, MATLAB, LaTeX
CAD	Siemens NX, Solidworks, Inventor, Autocad
Robotics	ROS, Jetson, Arduino, Raspberry Pi
Languages	Vietnamese (Mother tongue), English (C2), German (A2)
Office	Microsoft Word, Power Point, Excel
Others	Scientific Writing, Digital publication (HTML, CSS), B2 Driving License

Education

Rhine-Waal University of Applied Sciences, Kleve, Germany

Kleve, Germany

M.Sc IN BIONICS/BIOMIMETICS

Mar. 2018 - Present

- GPA: 1.8 (November 2019)

Ho Chi Minh City University of Technology and Education

Ho Chi Minh City, Vietnam

B.S. IN MECHANICAL ENGINEERING

Sep. 2012 - Aug. 2016

- GPA: 8.1/10

Projects

Rhine-Waal University of Applied Sciences, Kleve, Germany

Kleve, Germany

CAPTAIN/AUTHOR

Mar. 2019 - Mar. 2020

- Master Thesis: Implementing Deep Learning for Navigation, Object Detection/Recognition on Wall-Climbing Robot.
- Lab Project: Developing self-driving mini rovers based on Deep Learning, ROS, Jetson Nano and Raspberry Pi for European autonomous vehicle traffic competition: JRC AUTOTRAC 2020

Ho Chi Minh City University of Technology and Education

Ho Chi Minh City, Vietnam

CAPTAIN

Apr. 2015 - Jul. 2016

- Capstone Project: Design, Calculating and Manufacturing 5 Axis CNC Milling Machine.
- Hydraulic and Pneumatic Project: Design, Modelling and Manufacturing Autonomous Pancake Making Machine.

Honors & Awards

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| 2016 | Odon Vallet scholarship for excellent students in Vietnam, | <i>Ho Chi Minh City,
Vietnam</i> |
| 2015 | Excellent oral presentation at ICMAS 2015 conference, April 13th-14th, Paris, France, | <i>Paris, France</i> |
| 2014 | Sunflower Mission Engineering and Technology Scholarship 2014., | <i>Ho Chi Minh City,
Vietnam</i> |

Publication

- | | | |
|------|---|----------------------|
| 2015 | Nhat, Nguyen Le Quang, and Nguyen Truong Thinh: "Development of the bending actuator with Nafion-Pt IPMC tube." Advanced Materials Research. Vol. 1119. Trans Tech Publications, 2015. | <i>Paris, France</i> |
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