

Thi Yen Thu Nguyen

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I am 26-year-old female Vietnamese student currently pursuing my Master degree in Germany. I am inspired by and would like to contribute to the "Women in Tech" movement.



EDUCATION

- 2019 – present ● **Master of Science**
Information Engineering and Computer Sciences
Rhein-Waal University of Applied Sciences
Kamp-Lintfort, Germany
- 2014 – 2019 ● **Bachelor of Science**
Information and Communication Engineering
Rhein-Waal University of Applied Sciences
Kamp-Lintfort, Germany
- 2012 – 2014 ● **Pre-University**
Meridian Junior College
Singapore



WORK EXPERIENCES

- 2017 – present ● **Student Employee**
3D Kompetenzzentrum Niederrhein
FabLab Kamp-Lintfort
Rhein-Waal University of Applied Sciences
- 2016 – present ● **Student Employee**
RF-FRONTEND GmbH
Kamp-Lintfort, Germany
- 2015 – 2016 ● **Student Intern**
RF-FRONTEND GmbH
Kamp-Lintfort, Germany



TASKS

RF-FRONTEND
GmbH

Software Development & Maintenance

Code and fix software in Java and C++ for the following purposes:

- Inventory Management (GUI)
- Monitoring of Industrial Motors (GUI)
- Automated Antenna Measurement (CLI)

FABLAB
Kamp-Lintfort

Students Support

Provide supports with digital fabrication tasks including:

- 2D Design & 3D Modelling
- 2D Manufacturing (CNC Milling, Laser Cutting, Plotting)
- 3D Manufacturing (3D Printing, Molding and Casting)
- Electronics (PCB Design, PCB Milling, Soldering, SMD Placement, Sensor Integration)
- Embedded Programming (Arduino)
- Workshop instructor and assistant
- Troubleshooting



PERSONAL QUALITIES

- Friendly and ready to help
- Well-organized and reliable
- Open to new ideas and challenges
- Quick learner
- Constantly strive for improvement
- Open to constructive criticism
- Team player



HOBBIES & SELF-TAUGHT

- Web Development
- Graphics Design & Animation
- Server Web-hosting
- Artificial Intelligence, Machine Learning
- Android Application
- Data Handling & Visualization
- Embedded Computing (Raspberry Pi, NVIDIA Jetson)
- Wearable Electronics, Smart Textiles
- Robotics (Drones)



CONTRIBUTIONS & AWARDS

- 2018 – present ● Research Student
“Phenix” Research Project for UAV applications in SAR operations
- March 2018 ● Workshop Instructor
Soft Sensors & Wearable Electronics for Accessibility, HelpCamps 2018
- June 2017 ● Technical Support
Hackathon for Accessibility, Accessathon 2017
- February 2017 ● Participant
Textile Academy Bootcamp 2017
- October 2016 ● 1st Prize for Creative Category – Project Capixplay (Team submission)
2nd Prize for Useful Category – Project PiCamCar (Team submission)
Sparkasse Duisburg MAKER Challenge 2016
- 2009 - 2014 ● Beneficiary
*Singapore A*STAR Scholarship Award*

SOFTWARES



- C++
- Android Studio
- Altium PCB Designer
- Rhinoceros
- Autodesk Fusion 360
- MATLAB

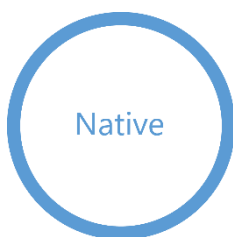


- Linux, Ubuntu
- Javascript
- Tensorflow, Keras
- R Studio, Markdown
- Autodesk Eagle CAD
- Adobe Illustrator



- HTML + CSS
- Python, Jupyter
- Java
- SQL
- C (Arduino)
- Microsoft Office

LANGUAGES



Vietnamese



English



German