Photo

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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
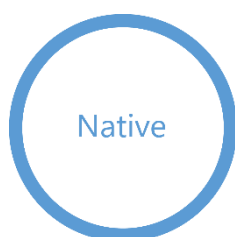- Autodesk Fusion 360
- MATLAB

★★☆

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

★★★

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

💬 LANGUAGES

Native

Vietnamese

Proficient
IELTS 8.0

English

Advanced
C1

German