Nay Htet Lin

Work permit: German | **Gender:** Male | **Phone number:** (+49) 15778737279 (Mobile) | **Email address:** nayhtetlin.ytu@gmail.com | **Website:** https://nayhtetlin1996.github.io/ | **LinkedIn:** https://www.linkedin.com/in/nay-htet-lin-3961a0180/ |

Address: Luther street 12a, 04315, Leipzig, Germany (Home)

WORK EXPERIENCE

AVICOMP CONTROLS GMBH – LEIPZIG, GERMANY
HARDWARE PROJECT ENGINEER – 06/05/2025 – 10/11/2025

Designed and developed control cabinets for compressor control and monitoring systems.

ST ENGINEERING URBAN SOLUTIONS LTD – SINGAPORE, SINGAPORE
CONTROL SYSTEM ENGINEER – 22/08/2022 – 02/08/2024

Designed and implemented control systems for Platform Screen Doors (PSD), ensuring compliance with safety and operational standards.

AVICOMP SINGAPORE PTE LTD – SINGAPORE, SINGAPORE
APPLICATION ENGINEER – 18/08/2020 – 17/08/2022

• Engineered control panels adhering to international safety certifications.
• Implemented control philosophies on fabricated panels and conducted quality assurance testing with clients.

SINGAPORE UNIVERSITY OF TECHNOLOGY AND DESIGN – SINGAPORE, SINGAPORE
VISITING FELLOW – 25/07/2019 – 24/07/2020

• Contributed to robotics and automation research, including vertical surface propagation robots.
• Published papers on robotics innovation, including a patented project on autonomous ship maintenance robots.

EDUCATION AND TRAINING

16/08/2024 – 31/08/2026 Kaiserslautern, Germany
MASTER OF SCIENCE RPTU Kaiserslautern - Landau

Website https://rptu.de/ | **Field of study** Automation and Control

03/12/2012 – 10/10/2018 Yangon, Myanmar/Burma
BACHELOR OF ENGINEERING Yangon Technological University

Website https://ytu.edu.mm/ | **Field of study** Electronic Engineering

SKILLS

WSCAD | Eplan | COMOS | PLC Programming (Structured text, Ladder, FBD) | C/C++ | Autodesk AutoCAD/Autosketch | Industrial Communication Networks | Logic Control, Soft Control, Non-linear and Adaptive Control | Energy Management Systems for Electric & Hybrid Vehicles | Theoretical and Experimental Modelling

PUBLICATIONS

Automatic vehicle license plate recognition system for smart transportation

Sparrow: A magnetic climbing robot for autonomous thickness measurement in ship hull maintenance

Adhesion Risk Assessment of An Aircraft Inspection Robot for Improving Operator Awareness