




# Nay Htet Lin


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## 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/Autodesk | 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](#)