



# Nay Htet Lin

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**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/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\*\*](#)

## LANGUAGE

Burmese : Native

English : C1

German : B1