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CURRICULUM VITAE

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• 2019 - 2023	University
Swiss German Unive	rsity (SGU), Indonesia and Fachhochschule Südwestfalen,
Germany	
0	University with Double Degree
	Major : Mechatronics
	Faculty: Engineering and IT
• 2016 - 2019	High School
	(SMAK Ipeka Tomang II), Jakarta, Indonesia
0	High School with High School Diploma
	Major Subject: Science

Practical Experience

• From September 7th to October 30th 2020 at PT. Cikira Maju Jaya

Activities:

Machine Operation

Machine operation for wood cutting.

- Maintenance

Control and check the wood cutting machine.

Quality Control

Check and control the wood after cutting.

• December 2020, November to December 2022, and January 2023 in Akademi Teknik Mesin dan Industri (ATMI) Cikarang, Indonesia

Activities:

- Welding
- Turning
- Milling
- Electrical Engineering
- Reverse Engineering
- PCB Design
- Electrical Benchwork
- Mechanical Benchwork

• March to August 2022 in AE Conversion GmbH & Co.KG in Bad Sassendorf, Germany

Task and assignments:

- Device testing
- Quality check
- Device repairment
- Assembly

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- Soldering
- Labelling
- Packing

• March to August 2023 in AE Conversion GmbH & Co.KG in Bad Sassendorf, Germany

Tasks and assignments:

Doing the Bachelor Thesis work with the title of:

"Selection and Execution of a Series Measurements to Investigate Thermal Conductive Materials Use for Cooling Electronic Components in IP65/67 Power Supply Unit Considering the Assembly and Costs"

Organization Experience

• June - October 2021

Marketing Division in Mechatronics Day SGU Committee

• September 2019 - March 2020

Marketing Division in SGU Student Ambassador

• February 2021 - January 2022

Treasurer (Board of Directors) in Mechatronics Student Association SGU

Language

- Bahasa Mother tongue
- English Fluent
- Chinese Basic knowledge
- Deutsch Grundkenntnisse A2.1

Special Knowledge / Skills

- Microsoft Office (Ms. Word, Ms. Excel, Ms. Powerpoint)
- Programming (Arduino, C++, Phyton)
- Control System (Scilab, Matlab)
- Electrical engineering design (Multisim, Fritzing)
- Modelling and design (Solidworks, Fusion 360)
- PCB Design (Proteus and Ares)
- Robot Operating System (ROS) 2 in Linux
- Thermal system

Interests and hobby

- Wiring and soldering
- Assembly and disassembly
- Electrical components
- Music

Jakarta, 16 May 2023

Mikola Francesco

