

SYAMSUL ARIFIN BIN AWI BOWO

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OBJECTIVE

Motivated and detail-oriented Industrial Electronic Automation student with hands-on experience in PLC programming, robotics, and industrial systems through academic projects and training. Seeking an **Automation Engineer** position to contribute technical knowledge and grow in the field of industrial automation at **Alton Controls Sdn. Bhd.**

EDUCATION

Bachelor of Technology in Industrial Electronic Automation with Honours Universiti Malaysia Pahang Al-Sultan Abdullah CGPA : 3.90	Mac 2024 - July 2027
Diploma in Electronic Technology Kolej Vokasional Sungai Buloh CGPA : 3.83	April 2021 - Oct 2023
Malaysian Skills Certificate Level Three in Electronic Equipment Troubleshooting, Repair & Maintainance. Kolej Vokasional Sungai Buloh	Jan 2019 - Dec 2020
Malaysian Vocational Certificate Kolej Vokasional Sungai Buloh CGPA : 3.78	Jan 2019 - Dec 2020

SKILLS

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| • PLC Programming (Cx-programmer, TIA Portal) | • SCADA Design (WinCC) | • Circuit Design (Proteus, Multisim) | • Microsoft Word |
| • Pneumatics & Electro-pneumatics | • HMI Design | • Arduino/NodeMCU Programming | • Microsoft Excel |
| • Variable Frequency Drive Programming | • Python Programming (Streamlit) | • Website Development (Html, Css, Javascript) | • Canva |
| • Electrical Drawing (AutoCAD, Eplan) | • Dashboard Visualization (Looker Studio) | • Mobile App Development (Android Studio) | |

EXPERIENCE

Student Work Scheme - Pusat TVET UMPSA • Assisted in repair and improve the car absorber assembly production line. • Troubleshoot and rewiring all the workstation using a new wiring technology approach. • Develop plc programming control and monitoring system including collaborative robot and human machine interfaces.	Jan 2025 - Feb 2025
Internship - Flowco(M) Sdn. Bhd. • Assisted in board repair, troubleshooting and testing. • Assisted in fuel pump dressing and dismantle. • Conducted a Pre-Work and Pre-Delivery Inspection.	May 2023 - Oct 2023

HONORS & ACTIVITIES

- AJK Block Mawaddah in Student Resident 5
- Dean's Award Semester II 23/24
- Omron Collaborative Robot (COBOT) Level 1
- Introduction to Microsoft Excel (Coursera)
- Introduction to Data Analysis using Microsoft Excel (Coursera)
- Single Phase Electrical Wiring Installation
- Vice Treasurer Electronic Technology Club
- Participated on Malaysia Invention & Innovation Expo 2023
- Best Strategy Award of National Robotic League
- Participated in Community Service Carnival MAIWIP & Naurah Care Malaysia

REFERENCES

- Ir. Mohamad Rahimi Bin Mohamed Rodzi**
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