Chrysander Gwynfor Soliment

chrysandersoliment@gmail.com | ███████ | linkedin.com/in/chrysandersoliment

Education

Swinburne University of Technology Sarawak Campus - Bachelor of Engineering (Honors) (Robotics & Mechatronics)
Sep. 2021 – Jul. 2025

- CGPA: 3.81/4.0
- Dean's List: 2021 Semester 2, 2022 Semester 1, 2022 Semester 2, 2024 Semester 1, 2024 Semester 2
- Top Scorer: 2022 Semester 1 (ENG10001 Engineering, Design & Innovation)
- Most Innovative Project of Robotics & Mechatronics Engineering in FECS Final Year Project Showcase Semester 1 2025.
- Best Research Paper Award in FECS Final Year Research Project Semester 1 2025.

Exchange Program - Swinburne University of Technology Melbourne Campus - Bachelor of Engineering (Honors) (Robotics & Mechatronics)
Jul. 2023 – Dec. 2023

- CGPA: 3.59/4.0
- Participated in an exchange program at Swinburne University's Hawthorn Campus in Melbourne, Australia, gaining exposure to diverse teaching methodologies and academic environments.
- Actively engaged with a multicultural student community through clubs and campus activities, enhancing cross-cultural communication skills and broadening global perspectives.

SMK St. Columba Miri – Science Stream
Jan. 2015 – Dec. 2019

- SPM: 9A
- Academic Excellence Award & Exemplary Student Award

Professional Experience

Engineering Intern (Project Delivery), Sarawak Energy Berhad
Jan. 2024 – Mar. 2024

- Conducted quality audits and verified project documentation to maintain company standards as part of the project delivery team.
- Assisted in site inspections and collaborated with cross-functional teams to track progress and resolve quality issues.
- Compiled and presented findings using Excel to support the team's decision-making.

Research & Projects

Automated Medicine Sorting and Dispensing Robot
Sep. 2024 – Jun. 2025

- Created an automated medicine sorting and dispensing robot to help the shortage of nurses and medical professionals in hospitalwards.
- Designed and implemented a web-based control software to interact and communicate with the robot for inputs and controls.
- Focused on accuracy and safety in administering medicines.

Extracurriculars

O-Week Volunteer, Student Leadership and Volunteer Program (SLVP)
Feb. 2023

- Contributed to the successful execution of Orientation Week (Feb 2023) by serving in multiple roles, including Usher, Station Master, Game Master, and sHQ Team member.
- Improved team coordination and kept participants engaged by guiding activities, managing crowds, and keeping the energy up.

SSIDC Volunteer, Student Leadership and Volunteer Program (SLVP)
Jan. 2023

- Participated in logistics briefing and assisted with venue setup for the Swinburne Sarawak Inter-school Debating Championship (SSIDC) hosted at Swinburne Sarawak Campus.
- Supported in event preparation to ensure a smooth and organized experience for participants and guests.

Skills

Programming	MATLAB, C/C++, Python, HTML, CSS, Java, LabVIEW, Knime, Simulink, PHP, Arduino
Software	Visual Studio Code, Visual Studio, SolidWorks, RobotStudio, Microsoft Office, Amazon Web Services (AWS), CANVA
Language	English, Mandarin, Bahasa Malaysia, Bidayuh