

My Portfolio

as a student of Computer Science
in Data Engineering

REACH OUT

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Universiti Teknologi Malaysia

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Introduction

This space showcases my academic journey, achievements, leadership experiences, and the skills I've developed throughout my time in school, foundation, and university.

Here, you will find:

- My education background
- Positions and leadership roles
- Participation records and awards
- Technical skills and programming experience
- Projects, reflections, and personal growth

This e-portfolio is a representation of my identity as a student, a leader, and an upcoming data engineering student who is always learning, exploring, and developing his skills.



About Me

My name is Najla Auni, a Computer Science (Data Engineering) first-year student at Universiti Teknologi Malaysia (UTM). I have a great interest in technology, data, and problem-solving, and at the moment I am building up my skills in C++, and core computer science fundamentals. Besides being able to communicate in Malay and English, I also love learning new things, taking on leadership roles, and participating in academic and co-curricular activities that help me grow both personally and professionally.



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My Education

My education journey reflects my commitment to academic excellence and personal growth. It also showcases my dedication to leadership, continuous learning, and constantly improving myself.

SMK Sultanah Asma (2019-2024)

I completed my secondary education with strong academic results, achieving 7A 2B+ in SPM. During these years, I was a very active member of school leadership and clubs which contributed to my discipline and responsibility development.



Kolej Mara Kuala Nerang (2024-2025)

I pursued foundation in Engineering and Technology at KMKN and graduated with an excellent CGPA of 4.00 and MUET Band 4. Only in 10 months, I was able to improve my skills in mathematics, science, and collaboration through many activities at the college and national levels.



Universiti Teknologi Malaysia (2025-Present)

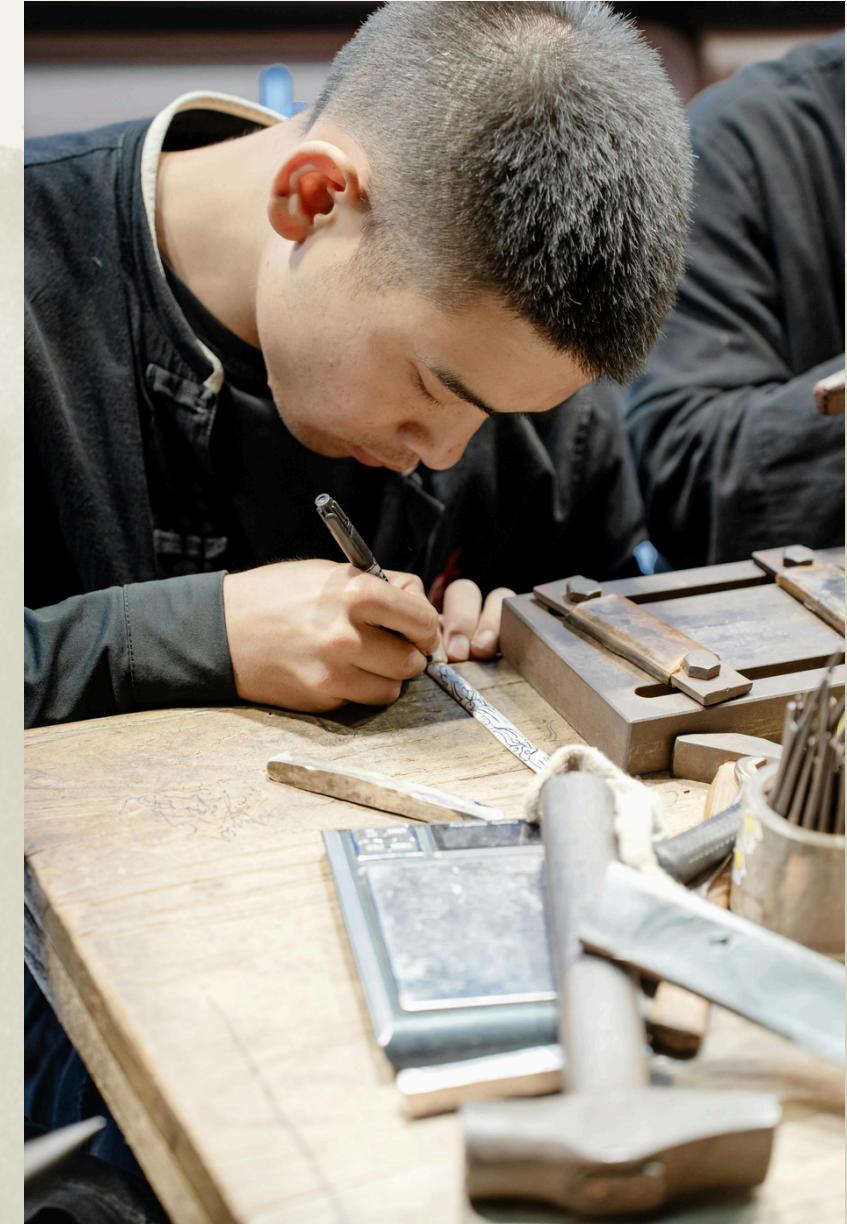
I am currently pursuing a Bachelor of Computer Science (Data Engineering) at UTM. This program is the first step in my journey into technology, where the world of technology, where I keep on boosting my skills in programming, data handling, and computational thinking.



Personal skills

I am bringing a mixture of hard and soft skills that are backing my development as a Computer Science student.

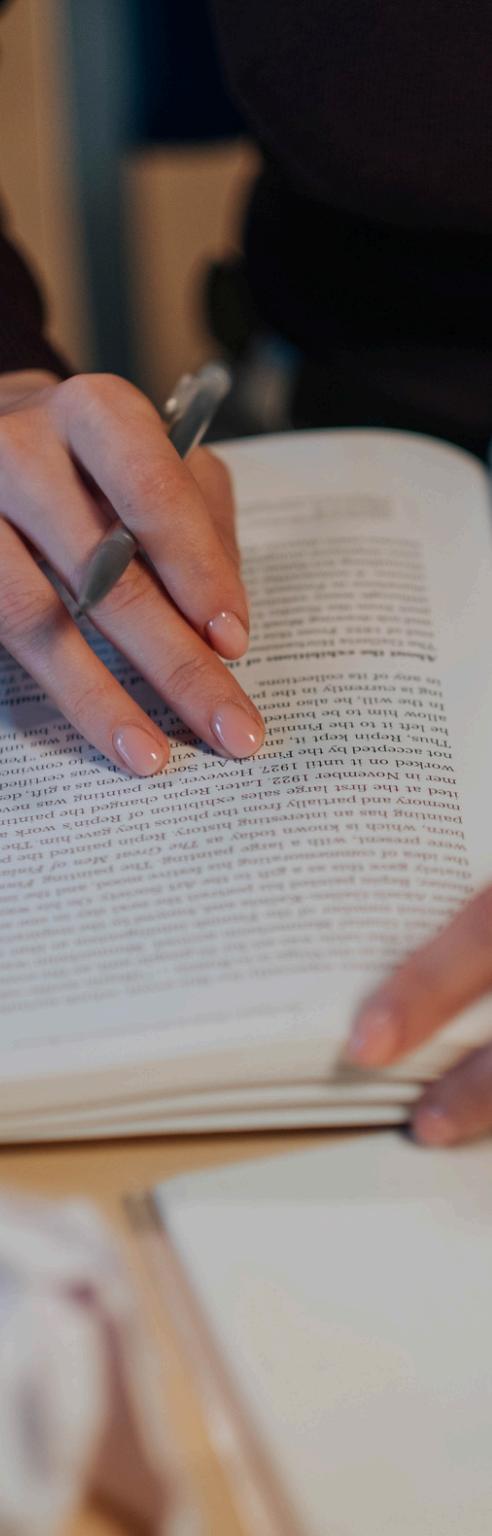
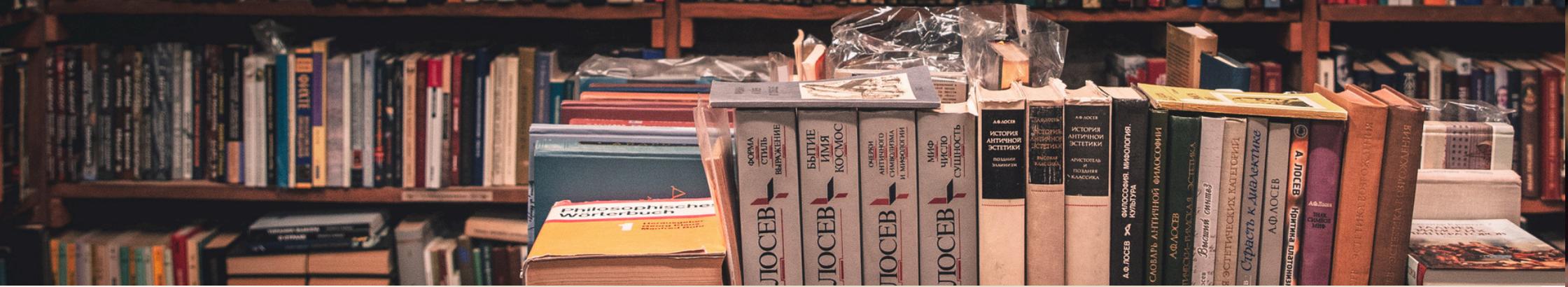
- Able to adapt quickly to new technologies such as Microsoft tools and various software platforms.
- Capable of writing and understanding programs in C++.
- Comfortable using development tools like Visual Studio Code, and Dev-C++.
- Good at identifying errors and debugging code efficiently.
- Able to create structured documents and data tasks using Microsoft Word and Excel.
- Can produce digital designs and simple editing using Canva and Capcut.
- Strong communication skills in both Malay and English.





Project Portfolio

A console application that is not only functional but also user-friendly by applying fundamental C++ programming principles such as functions, if-else statements, and loops.



Library Book Checkout System

This library program development reinforced key C++ skills such as:

- Understanding and applying conditional logic for tiered late fee calculations
- Handling user input effectively through function parameters and references
- Using switch statements to manage menu-driven program flow
- Designing and implementing modular functions for better code organization
- Performing multi-stage calculations based on overdue day ranges

By developing and testing this program, the system now calculates late fees accurately, displays relevant library information, and demonstrates a clean, structured, and user-friendly program flow.

[Click Here to see the Programme !](#)

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