

BRENDAN TEY SHI HAN

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EDUCATION

National University of Singapore Bachelor in Engineering (Honours)	Aug 2024 - Present
• Major in Computer Engineering • Current GPA 4.56/5.0	

River Valley High School A Level Graduate	Jan 2020 - Oct 2021
• Achieved rank point 85/90	

TECHNICAL PROFICIENCY

- Proficient in C++, C, Java, Verilog
- Familiar with Python, React Native, HTML, CSS, MySQL
- Familiar with Visual Studio Code, IntelliJ, SourceTree
- Data Structures and Algorithm

PROJECTS

NUS Food Runners	Jul 2025
• Created an expo app with a partner with features such as Listing and viewing of Buffet locations in NUS. • App utilises google maps and markers to show buffet locations allowing users to navigate to buffet area. • Made use of React Native, Firebase, Expo, JavaScript.	
Alex to the Rescue	Mar 2025 - Apr 2025
• Create a robot able to navigate through terrain and obstacles and map out surroundings. • Robot built using Technology such as LIDAR, Raspberry Pi and Arduino Mega 2560. • Utilised Transport Layer Security (TLS) Communication Protocol to securely control robot from a laptop.	

Bambot Chatbot

Aug 2025 - Oct 2025

- A CLI chatbot to keep track on different types of tasks (ToDos, Deadlines, Events)
- Implemented with Java language and OOP

WORK EXPERIENCE

Singapore Armed Forces (SAF), Section Second-in-Command (2IC)	Jan 2022 - Nov 2023
• Served as a deputy leader for a section of 5 personnel during field operations and training exercises. • Committed to maintaining a safe and supportive environment for the section.	