

BRENDAN TEY SHI HAN

Phone Number: +65 86123401 • [Email: brendantey761@gmail.com](mailto:brendantey761@gmail.com) •
[Linkedin Profile: www.linkedin.com/in/brendantey](https://www.linkedin.com/in/brendantey) • Nationality: Singaporean

EDUCATION

National University of Singapore

Aug 2024 - Present

Bachelor in Engineering (Honours)

- Major in Computer Engineering
- Current GPA 4.56/5.0

River Valley High School

Jan 2020 - Oct 2021

A Level Graduate

- 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.