

# Bryan Lu We Zhern

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## EDUCATION

**Nanyang Technological University, Singapore** Aug 2021 – Jul 2025  
**Bachelor of Engineering (Computer Engineering)**

- Dean's List for Academic Year 2021/2022
- Current CGPA: 4.64 / 5.0

## ACADEMIC PROJECT

**Nanyang Technological University, Singapore** Jan 2023 – Apr 2023  
**SC2006 Software Engineering Project – Designed a web application for restaurant searching**

- Coded a web application using HTML, CSS and ReactJS to gather information for over 100 restaurants; implemented web-based application to search for restaurants
- Oversaw project's development efforts to meet scheduled deadlines ensuring project be delivered more than 1 week on-time; contributed up to 50% of the entire group effort
- Facilitated communication between teammates to ensure clear communication ensuring project development proceeds smoothly without misunderstanding, exceeding timeframe objectives by 12%

**Nanyang Technological University, Singapore** Jan 2022 – Apr 2022  
**SC1015 Artificial Intelligence Project – Designed a machine learning sentiment analysis model**

- Oversaw team's data preparation process allowing for nearly 1.5 times faster development time
- Coded a Python AI program to gather and analyse information for over 5000 movie reviews; optimise AI model using multi-layer perceptron neural network with nearly 80% accuracy

## INTERNSHIP EXPERIENCE

None

## WORK EXPERIENCE

**Contemporary Centre of Arts, Gilman Barracks** Jan 2023 – Feb 2023  
**Gallery Sitter**

- Facilitated liaison between 4 colleagues and supervisors ensuring smooth communication
- Engaged visitors in exhibition sites in 2 languages allowing visitors to gain insights regarding locals' art pieces, including 10 different works of art

**Nanyang Technological University College of Engineering** 25 Feb 2023  
**NTU Open House Event Management**

- Engaged with prospective students allowing visitors to gain insights into various programmes offered by NTU College of Engineering
- Assisted in event logistics and resource management ensuring smoothness of event

## CO-CURRICULAR ACTIVITIES

**NTU Purple Parade** 29 Oct 2023  
**Marching Contingent Member**

- Assisted in contingent's prop making session actively ensuring well-preparedness of teammates
- Led marching contingent ensuring formation was kept organised and entertaining to spectators

## SKILLS

Language: Proficient in English and Chinese, Conversant in Malay  
Digital Skills:

- Proficient in Python, JavaScript, Microsoft Excel, HTML, CSS
- Skilled in C, C++, C#, Java
- Experienced in developing frontend web design using ReactJS and NodeJS
- Skilled in using data analysis and machine learning model training using scikit-python

## **HOBBIES & INTEREST**

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Side coding projects, Watching Movies, Playing Badminton