

Yong Zhe Rui Gabriel

Linkedin: <https://www.linkedin.com/in/gabrielyzr>

Github: <https://github.com/becauselol>

Email : gabriel_yong@mymail.sutd.edu.sg

Mobile : +65 9320 1727

EDUCATION

- **Singapore University of Technology and Design (SUTD)** Singapore
Bachelor of Engineering (Engineering Systems and Design), Honours; GPA: 5.0/5.0 May 2020 to Aug 2024 (Expected)
 - Minor in Artificial Intelligence and Minor in Design, Technology and Society
 - Awards: Freshmore Honours List, Best Student Award (Modelling Uncertainty)

EXPERIENCE

- **SeaMoney, Business Intelligence & Analysis Intern** Singapore
Digital payments and financial services provider in Southeast Asia Aug 2022 - Dec 2022
 - Assisted in consolidating data from multiple sources including operations, marketing and source databases to create integrated views that can be used to drive decision-making using Python and SQL
- **Brewlander, Production Intern** Singapore
Local Micro-brewery May 2021 - Aug 2021
 - Learned the ropes of the manufacturing of beer at a microbrewery scale by understanding scheduling and process management to produce quality output
 - Maintained cleanliness of the brewery by conducting cleanings on the fermentation tanks and production floor
- **Evergreen Hostel, Hostel Staff** Hiroshima, Japan
Hostel in Hiroshima, Japan Mar 2020
 - Provided service to people of different nationalities and learned about different cultures through the eyes of the hostel stayers enabling me to gain a wider world view
 - Managed the customers checking in and out of the hostel and aided in the general upkeep of the hostel

ACADEMIC PROJECTS

- **Littlefield Brewery, A Manufacturing Game** Singapore
Singapore University of Technology and Design May 2022 to Aug 2022
 - Conceptualized and realized a brewery management game to teach users about brewery manufacturing operations using R
 - Designed a relational SQL database that allowed for storing of game data in a tidy manner
- **‘Hot Hand’ Effect in Basketball** Singapore
Singapore University of Technology and Design May 2022 to Dec 2022
 - Investigate the ‘hot hand’ effect in basketball using modern NBA data
- **Fridge Stocking for Optimal Revenue** Singapore
Singapore University of Technology and Design Feb 2022 to Apr 2022
 - Created a theoretical mathematical model as part of the Optimization module to represent a fridge and maximized the value of the beers placed in the fridge to ensure maximum revenue.
- **JamSpace, Product Designer** Singapore
Singapore University of Technology and Design Feb 2021 to Apr 2021
 - Designed an interactive bench as part of Design Thinking Innovation to promote interactions between the working population at Paya Lebar Quarter
 - Conceptualized the interactive bench using Arduino and an understanding of circuits to create note-playing buttons, effectively creating a large scale MIDI controller

CO-CURRICULAR ACTIVITIES

- **Basketball, Treasurer** Singapore
Singapore University of Technology and Design Mar 2021 to Mar 2022
 - Managed funds for the SUTD Basketball Club with the collection of membership fees and payments for the coach on a monthly basis
 - Competed in the Singapore University Games 2022 against other Singapore universities like NUS, NTU, etc

SKILLS SUMMARY

- **Technical Skills:** Python, LaTeX, Excel, SQL, R
- **Languages:** English, Chinese
- **Interests:** Mathematics, Homebrewing, Yo-yo, Knitting