

Sim Jun You

simjunyou@u.nus.edu ❖ (+65) 8468 7298 ❖ [GitHub](#)

WORK EXPERIENCE

Naval Logistics Department

Mar 2021 – Aug 2021

Project Officer

- Developed Power Query-based Excel workbook to extract, clean, transform, and present more than 500000 rows of shipping data, with a run-time improvement of more than 99% over the previous system.

Ministry of Manpower, Joint Task Force

Jun 2020 – Jul 2020

Watch Officer

- Monitored and coordinated SAF ground teams to minimize pandemic spread in a high-tempo, real operational environment in collaboration with other ministries and over 10 different government agencies.
- Initiated and built automated systems to reduce administrative workload for watch teams, cutting time taken for menial work by more than 90%.

Naval Logistics Department

Mar 2019 – Aug 2019

Project Officer

- Programmed an attendance-taking system for a seminar for digital innovation within the Navy, serving over 100 participants over popular messaging platform Telegram with 0 downtime or incidents.

EXTRA-CURRICULAR ACTIVITIES

NUS Outdoor Activities Club

Sep 2019 – Sep 2021

President, 35th and 36th Executive Committee

- Chaired club in organizing outdoor activities for the NUS student population and public.
- Directed a large team of committee members in all organizational aspects, such as administration, logistics, events planning, public relations, and finance.
- Took advantage of downtime during Circuit Breaker to spearhead an internal restructuring initiative, leading executive committee to successively develop a new committee structure for future batches.

EDUCATION

National University of Singapore

Aug 2019 - Present

Bachelor of Engineering (Computer Engineering), Minor in Data Engineering

- GPA (or Cumulative Average Points / CAP): 4.61/5.00.
- Currently pursuing a Minor in Data Engineering.
- Relevant Coursework: Data Engineering Principles, Database Systems, Software Design and Architecture.

Pioneer Junior College

Jan 2016 – Dec 2017

H2 Computing, Physics, Mathematics; H1 General Paper, Economics, Project Work

- A-Level results: AAA/AAA

SKILLS & INTERESTS

Skills:

- Languages: Proficient at Python, JavaScript, Java, VBA, Power Query, SQL, HTML/CSS.
- Frameworks/APIs/Platforms: Heroku, AWS, PostgreSQL, Numpy/Pandas, ReactJS, ExpressJS.
- Actual Languages: English / Chinese (native), Japanese (basic).

Interests:

- Data analytics; automation; Python development; cloud development; learning Go and/or Rust.