

Joel Lee Jie

joelleejie132@gmail.com ☎ 88811572 <https://github.com/JoelLeejie>

EDUCATION

BSc Computer Science in Real-Time Interactive Simulation

Singapore Institute of Technology - DigiPen Aug 2023 – Current Singapore

- Year 2
- CGPA (as of writing): 4.78

WORK EXPERIENCE

Retail Assistant

Chateraise Feb 2023 – Aug 2023 Bishan

- Assisted customers in a friendly and professional manner, whilst promptly resolving customer concerns.
 - Defused anger during customer conflicts, guiding problems into proper resolutions.
- Built up a jovial and great working relationship with my colleagues during my time there.

Signaller, Artillery

Singapore Armed Forces Apr 2021 - Feb 2023 Singapore

- Thrived in a fast-paced working environment and built close relations with my team.
- Endured many high-stress situations and performed well under pressure.

Retail Assistant

NTUC Warehouse Club Feb 2021 Joo Koon

- Helped to facilitate customer shopping experience.

PERSONAL PROJECTS

<https://github.com/JoelLeeJie/Personal-Showcase>

Project Showcase: [https://youtube.com/playlist?](https://youtube.com/playlist?list=PL3v4AEQxsf2Oesvkm0B3S9gZYKGmHnUMD&si=UdThUV9WgYu04hDc)

[list=PL3v4AEQxsf2Oesvkm0B3S9gZYKGmHnUMD&si=UdThUV9WgYu04hDc](https://youtube.com/playlist?list=PL3v4AEQxsf2Oesvkm0B3S9gZYKGmHnUMD&si=UdThUV9WgYu04hDc)

Video Player

<https://github.com/JoelLeeJie/Video-Player>

- Developed a functional audio and visual Video Player using C++, leveraging FFmpeg for media decoding and SDL2 for rendering.
- Implemented object-oriented design principles to manage video playback and integrated with Windows' file explorer for seamless media selection.

GenshinDB

<https://github.com/JoelLeeJie/GenshinDatabase>

- Developed an interactive database application for Genshin Impact using C# and WPF, with PostgreSQL for data storage hosted on Neon.Tech.
- Engineered a robust data pipeline to source and format information from an official Genshin wiki, demonstrating proficiency in data processing and user interface design.

VOLUNTEER EXPERIENCE

Willing Hearts

2024 - Current

- Serving as an ad-hoc volunteer for different roles and responsibilities, together with a diverse range of people from different backgrounds.
- Organisation is a food kitchen serving the poor and elderly.

City Harvest Church

April 2020 - Dec 2020

- Served as an usher for about 9 months in 2020, helping to guide attendees and support church operations.

Tembusu Senior Activity Centre

March 2019 – March 2020

- Interact Club member(2019-2020 JC), participated in the planning and carrying out of engaging activities for the elderly at Tembusu Senior Activity Centre.

SKILLS & INTERESTS

- **Skills:** Communication, C++, C#, Git, Object-Oriented Programming
- **Interests:** Action and Fantasy Manga, Shooter/Gacha Games especially those from miHoYo like ZZZ.