



# JORDAN LEE

INFORMATION SYSTEMS UNDERGRAD  
NATIONAL UNIVERSITY OF SINGAPORE

## PERSONAL PROFILE

I possess an ever-growing passion for IT solutioning, as well as an abundance of leadership experience. I take pride in all my work, and always strive to improve my skills.

## EDUCATION

### National University of Singapore, 2024 - 2027

GPA: 4.44/5.0

Bachelor of Computing in Information Systems

### Ngee Ann Polytechnic, 2019 - 2022

GPA: 3.77/4.0

Diploma in Information Technology

## CONTACT

- zuodanlee@gmail.com
- github.com/zuodanlee
- linkedin.com/in/jordan-lee-guanghan/
- jordantino1231.wixsite.com/website

## WORK EXPERIENCE

### Freelance Developer on Carousell

SEP 2020 - PRESENT

- Username: @zuodan
- Developed a web application for an MNC
- Tutored university students on object-oriented programming
- Developed various console applications in Python and C#
- Performed simple data analytics and visualisation

### Software Engineering Intern at GovTech

APR 2021 - OCT 2022

- Built and deployed cloud infrastructure as code (IaC)
- Built testing environments using Docker containers
- Automated processes like server setup and git command flows
- Developed websites and APIs
- Managed database schema

## SKILLS

- Python
- C#
- PHP
- Swift
- Java
- SQL
- HTML/CSS/JS
- R
- Terraform
- AWS Cloud
- Docker
- Packer
- Git
- Mobile App Development (Android & iOS)
- PostgreSQL, MSSQL, MySQL
- NodeJS
- NextJS
- Vercel
- Supabase
- ASP.NET Web Forms (C#)
- ASP.NET Core MVC (C#)
- Laravel with VueJS

# LANGUAGES

- English, written and spoken
- Mandarin, written and spoken
- Japanese, written and spoken
- Hokkien, spoken

# PROJECTS

## Project Amerith

### Turn-based RPG inspired by Pokemon

My first passion project that I worked on after my first semester studying IT. I wanted to practise what I had learnt in school, so I replicated Pokemon's battle sequence on the console using pure Python (no external libraries)

- Technologies: Python

## Home Bus Arrival Board

### Personal device for tracking bus stops near your home

Say goodbye to fumbling to pull out your phone to check your bus app before leaving the house in a rush, just to realise that the bus isn't coming for another 9 minutes. Leave the house with confidence, and control of your time.

- Created my first project that creates real-world value for users. The prototype in the video is still being used by my family every day.
- Technologies: WeMos D1 (ESP8266), Arduino IDE

## Double-Clap Fan Toggle

### A great conversation starter

A fixture that allows you to turn your fan on and off just by clapping twice - just like in the movies!

- Integration of IR transmitter + noise detection modules
- Technologies: ESP32, Arduino IDE

## Lync

### Productivity tool targeting NUS students

This project aims to help NUS students stay on top of their tasks, group projects, and meetings. It integrates with popular services used by NUS students, like:

- Canvas - sync canvas deadlines directly to your Lync task board
- NUSMods - automatically populate your availability data; schedule meetings effortlessly with project-specific member availability heatmaps
- Telegram - Receive notifications like daily outstanding task summaries, time-sensitive meeting reminders, and project updates

Project dashboards also have a drag n' drop Kanban-style task board, with a progress summary and an activity log.

- Learnt how to laser-cut acrylic keychains for publicity
- Achieved Artemis Level for NUS Orbital Programme (top 4%)
- Technologies: GitHub, NextJS, Mantine, Supabase, Jest, Vercel, [@hello-pangea/dnd](https://github.com/hello-pangea/dnd), cron-job.org, Telegram Bot API