

# Tan Yi Guan

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## Education

### National University of Singapore

BACHELOR OF COMPUTING (HONOURS), COMPUTER SCIENCE, CAP: 4.61 / 5.0

Aug. 2020 - Aug. 2024

- Minor in Management
- Coursework: Software Engineering, Data Structures and Algorithm

## Experience

### Infosys

Process Executive

Mar. 2020 - Jul. 2020

- Conducted preliminary checks for license renewal documents during Microsoft's Fiscal Year closing.
- Used tools such as Microsoft Power BI and Microsoft Cosmic that assists in database searches and workflow management.
- Consistently achieved the highest number of case counts closed weekly.

## Projects

### ShopBud

Full-stack web developer

May. 2021 - Aug. 2021

- Created a webapp integrating common e-commerce such as expense tracker, group ordering and delivery tracker
- Tech Stack: Django, PostgreSQL, Heroku, jQuery, Git
- Live Site: <https://shopbud.herokuapp.com/> • GitHub Repository: [View on GitHub](#)

### CLI Tutors

Team Lead, Software Developer

Aug. 2021 - Nov. 2021

- Desktop application built upon a brownfield project that is developed to match students to tutors in a private tutoring agency.
- Tech Stack: Git, Java, JavaFX, JUnit, Codecov
- Documentation: <https://ay2122s1-cs2103t-t17-2.github.io/tp/> • GitHub Repository: [View on GitHub](#)

## Extracurricular Activity

### NUS Students' Computing Club (Sponsorship)

Sub-Committee Member

Aug. 2020 - Aug. 2021

- Prospected sponsor companies from various industries to sponsor events run by club.
- Restructured the club's approach in attracting sponsors, thereby raising higher funds compared to previous years.

### Scouts

Troop Leader

Jun. 2015 - Jun. 2016

- Conducted and planned weekly training for 40 members.
- Created detailed plans with budgeting and coordinated 3 camps in the span of 1 year.
- Planned fund raising event and raised the amount of funds to 200% compared to previous years.
- Contributed back actively even after graduation by taking up advisory role.

## Skills

**Back-end** Flask, Django, Ruby on rails

**Front-end** Hugo, React, HTML5, SASS

**Programming** Python, Java, Javascript, C, C++,  $\text{\LaTeX}$

**Languages** English (Proficient), Chinese (Proficient)

**Design/Prototyping** Figma

## Awards

Mar. 2015 **Outstanding Soldier of the Month**

2015 **Edusave Award for Achievement, Good Leadership and Service (EAGLES)**

2017 **Edusave Certificate of Academic Achievement**

Jul. 2014 **National Youth Achievement Award (Bronze)**