Tan Yi Guan

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Education

National University of Singapore

BACHELOR OF COMPUTING (HONOURS), COMPUTER SCIENCE (CAP 4.61/5)   Aug. 2020 - Aug. 2024
- Minor in Management
- Relevant 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
- Utilized tools such as Microsoft Power BI and Microsoft Cosmic that assists in database searches and workflow management
- Achieved highest number of case counts closed weekly

Projects

veNUeS

Developer   Jan. 2022
- Telegram Bot that finds available rooms in NUS to study in
- Won **Top 8** in Hack&Roll 2022
- Tech Stack: Python, Google Realtime Database, Telegram Bot API, Heroku, Git
- Live bot link: t.me/NUS_veNUeSBot • GitHub Repository: View on GitHub

CLI Tutors

Software Developer   Aug. 2021 - Nov. 2021
- Desktop application built upon a brownfield project developed to match students to tutors in a private tutoring agency
- Achieved **80% test coverage** on CodeCov
- Tech Stack: Git, Java, JavaFX, JUnit, Codecov
- Documentation: https://ay2122s1-cs2103t-t17-2.github.io/tp/ • GitHub Repository: View on GitHub

ShopBud

Full-stack web developer   May. 2021 - Aug. 2021
- Created a webapp integrating common e-commerce tools 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

Extracurricular Activities

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 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
- Planned, budgeted and coordinated 3 camps in the span of 1 year
- Hosted fund raising event and raised amount of funds to 200% compared to previous years

Skills

Back-end	Flask, Django, Ruby on rails
Front-end	Hugo, React, HTML5, SASS
Programming	Python, Java, Javascript, C, C++, LaTeX
Design/Prototyping	Figma, Canva
Languages	English (Proficient), Chinese (Proficient)

Awards

2019	**Outstanding Soldier of the Month**
2017	**Edusave Certificate of Academic Achievement**
2015	**Edusave Award for Achievement, Good Leadership and Service (EAGLES)**
2014	**National Youth Achievement Award (Bronze)**