

# Tan Jia Yi, Andrea

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## About Me

A Year 2 NUS student with a major in Chemistry and a minor in Forensic Science. Interested in the consumer goods industry and hopes to explore the area of research and development. Detail-oriented, resilient, and eager to learn.

## Education

### **BACHELOR OF SCIENCE (HONS) | NATIONAL UNIVERSITY OF SINGAPORE (NUS)**

**AUG 2021 – JUL 2025**

- Major in Chemistry, Minor in Forensic Science
- GPA: 4.8/5.0 (As of end of Y2S1)

### **GCE A' LEVELS | NANYANG JUNIOR COLLEGE**

**JAN 2019 – DEC 2020**

H1 General Paper, H1 Project Work, H1 Chinese, H2 Biology, H2 Chemistry, H2 Mathematics, H2 Economics

## Skills & Abilities

### **LABORATORY**

- High Performance Liquid Chromatography (HPLC), Gas Chromatography, Column Chromatography
- Steam Distillation and Simple Distillation
- Potentiometry
- Melting Point Determination
- UV-Vis, IR and NMR spectrum and MS analysis

## Experience

### **Administrative Role | The Edu Experience | Singapore**

**Dec 2021**

- Created 408 Mathematics word problems inspired by Primary 3 to 6 SA2 papers from different schools.
- Created detailed Mathematics diagrams for 408 word problems using MS Words.

### **Service Crew | Deli In The Park (Canopy) | Singapore**

**Jan 2021 – Aug 2021**

- Provided food and drink recommendations accordingly to boost daily sales.
- Concocted various drinks to serve (3 types of mocktails, coffee, etc.).
- Trusted in handling payments of up to \$400 via credit card or cash.
- Often handled customer service with only 2 other employees at lunch hours.
- Commended for significant growth on the job in terms of speed.

### **Part Time Customer Service Associate | Giordano | Singapore**

**Dec 2018 – Jan 2019**

- Initiated conversations with walk in customers daily to increase sales opportunities.

- Trusted in handling payments of up to \$300, paid via Nets, credit card or cash.
- Managed and replenished the stocks daily (Includes all items sold).
- Proactively maintained a clean and organised store area daily by sweeping.

## Co-Curricular Activities

### **PRESIDENT | PHOTOGRAPHIC SOCIETY**

**2017 - 2018**

- Led the Executive Committee in planning for regular sessions.
- Crafted the duty list for photographing of school events.
- Organised members to carry out projects such as the SYF Art Exhibition, Open House booths, Welcome and Farewell events, etc.
- Communicated with the teachers-in-charge when needed.

### **MEMBER | SYMPHONIC BAND**

**2019 - 2020**

- Actively participated in all events by practising and performing on the Tuba.
- Organised a team of members from different performing arts CCAs to design a programme booklet for a joined concert.

### **MEMBER | KING EDWARD HALL – HALLPLAY (SETS)**

**Aug 2021- Dec 2021**

- Worked as a team with other members to craft the sets needed (panels, bed frames, etc.) for a play.
- Actively participated in CCA sessions by seeking things to assist with.
- Communicated with CCA leaders when issues surfaced and gave innovative suggestions accordingly.

## Community Service

### **PARTICIPANT | HEARTWARE NETWORK SUPPORT OUR PIONEERS**

**2020**

- Visited the homes of elderly to engage with them through entertainment of their choice.
- Assisted the elderly with some of their needs (Cleaning, Shopping, etc.)

### **CO-LEAD | MENTORING AT SINGAPORE RED CROSS CENTRE**

**Mar 2023 - Present**

- Organised a team to craft detailed plans of enrichment activities ranging from 0.5-2 hours.
- Guided Primary 3 - 4 students in their academic work in a 1-to-1 setting.

## Awards & Certifications

- Awarded the NUS Merit Scholarship for good academic results.
- Placed on the NUS Faculty of Science Dean's List in Y2S1 for good academic results (2022)
- HarvardX's CS50x: CS50's Introduction to Computer Science - edX (2022)

## Others

- Participated in L'Oreal Brandstorm 2023 by proposing a new innovative idea in the hair industry.