

Internship Availability: 21<sup>st</sup> May 2024 – 9<sup>th</sup> August 2024

## EDUCATION

### National University of Singapore (NUS)

Aug 2022 – May 2026 (Expected)

- Major: Bachelor's of Computing in Computer Science
- Programming Coursework: Algorithms and Data Structures, Object-oriented Programming, Functional Programming, Computer Organisation, Introduction to AI and Machine Learning

## EMPLOYMENT

### Teaching Assistant, NUS School of Computing

Aug 2023 – Present

- Conducted weekly lab class on Algorithms and Data Structures.
- Honed proficiency in Java.

### Co-Founder, Gelatology Lab

Jan 2022 – Jul 2023

#### Artisanal Gelato Boutique

- Collaborated with external organisations (Jollyboys.vtg, Gobble, NUS Temasek Hall, SMU Bizcomm) to support their events, gaining publicity and sales beyond our physical store.
- Ideated and spearheaded promotional campaigns for various events. (e.g. Chinese New Year & Teacher's Day)
- Helmed physical storefront, forging relationships with customers and gaining feedback for improvement.
- Trained staff and implemented SOPs to streamline business processes.
- Worked with social media management companies to manage social media account.

### Junior College Physics Tutor and Administrator, Future Achievers Hub

Oct 2021 – Dec 2022

#### Tuition Centre

- Prepared lesson plans and materials using Microsoft Word.
- Collaborated with marketing team to increase enrolment rates.
- Managed website powered by Squarespace.
- Leveraged knowledge in HTML, CSS and Javascript to create carousel to display student testimonials.

## SOFTWARE PROJECTS

### Full Stack Software Engineer,

Aug 2023 – Present

#### Google Developer Student Clubs – Project Ignite

- Parked under the Social Entrepreneurship Wing of Google Developer Student Clubs which focuses on start-up ideas which serve the Non-Profit sector through research and development of tech solutions.
- Part of a team building a centralised web platform which can integrate NPOs to external organisations and vice versa, empowering our stakeholders to work in a community.

### Orbital (Independent Software Development Project), NUS School of Computing

May 2023 – Jul 2023

#### Travel Itinerary Web Application

- Built a full-stack ReactJS web application to allow users to generate a customizable travel itinerary based on their travel preferences and period of travel.
- Developed a RESTful backend server enabling user information to be stored in a Mongo Atlas cloud database.
- Integrated with Google Cloud to allow web-application to use OAuth for authorization and allow users to sign in via their Google accounts.

## SKILLS SUMMARY

**Languages:** Java, Python, C, JavaScript, TypeScript  
**Frameworks:** React, Node.js, Next.js, TailwindCSS  
**Databases:** MongoDB, PostgreSQL  
**Tools:** Git