

# Yeluri Ketan

Undergrad Student @ National University of Singapore

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## EDUCATION

### National University of Singapore (NUS), Singapore

Aug 2020 – May 2024

Bachelor of Computing in Computer Science (Hons) with Minor in Mathematics, Year 3

- Cumulative Average Points: 4.48/5.00 (Expected Honors with Distinction)
- Focus Areas in Artificial Intelligence and Algorithms & Theory

## TECHNICAL SKILLS

- Programming Languages: Java, C++, Python, HTML, CSS, JavaScript
- Libraries/Frameworks: JUnit, ReactJS, NextJS, p5.js
- Tools: Git, IntelliJ, CLion, VS Code

## PROJECTS AND TECHNICAL EXPERIENCE

### Dollar Finder - Designer and Front-End Engineer

May 2021 - Aug 2021

- Designed and built the front-end for Dollar Finder, a web-application for students to post and share shopping deals
- Customized several Material UI (React library) components to fit the envisioned aesthetic theme of the application
- Enabled input of precise locations of shops and stores by making use of Google Maps - Place API

### gitGud - Software Engineer

September 2021 - November 2021

- Co-designed and developed gitGud - a desktop application for managing friends' gaming information
- Collaborated as a team on this brown-field software project utilizing an iterative approach to the software development life cycle
- Employed the JUnit Java testing framework to achieve over 98% coverage on the assigned section of the codebase
- Implemented and upgraded the necessary object-oriented model in Java, thereby contributing over 3.8k lines of functional, test and documentation code

### POWER – Designer and Front-End Engineer

March 2022 – Aug 2022

- Conceptualized and created a minimalistic portfolio website from scratch, to serve as a platform for showcasing academic and creative pursuits
- Learnt and employed the NextJS framework to accelerate the development process and enhance user experience with static/server-side rendering

### Competitive Programming

March 2021 –

- Use Java and C++ extensively to solve competitive algorithmic puzzles and problems
- Solved a combined total of over 640 questions on LeetCode, Codeforces and CODECHEF with over a 330-day streak on daily problems
- Competed in Advent of Code '20 and '21, Google Kick Start '22, Hash Code '22, Shopee Code League '22

## LEADERSHIP EXPERIENCE AND CCAs

### Chief Communications Officer, Pioneer House Student Council, NUS

Jun 2022 –

- Currently leading and coordinating a team of graphic designers, content creators and photographers to capture and share the resident life in Pioneer House
- Responsible for the publicity and public image of Pioneer House and the Student Council

### Chief Officer for Ground-Up Initiatives, Pioneer House Student Council, NUS

Dec 2021 – May 2022

- Guided and facilitated 10+ initiatives and interest groups in the resident community in reaching their full potential

### Team Lead, Pioneer House Media Team, NUS

Jan 2021 – May 2022

- Initiated and established the Media Team as an asset to Pioneer House, with photography being the primary focus