Yeluri Ketan

Undergrad Student @ National University of Singapore

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EDUCATION

National University of Singapore (NUS), Singapore
Bachelor of Computing in Computer Science (with Honours), Year 2   **Aug 2020 – May 2024**

- Cumulative Average Points: 4.58/5.00 (Expected Honors with Distinction)
- Expected Focus Area in Artificial Intelligence and Algorithms & Theory
- Minor in Mathematics

TECHNICAL SKILLS

- Programming Languages: Java, C, C++, Python, HTML, CSS
- Libraries complementing the above languages: JavaFX, ReactJS
- Tools: Git, IntelliJ, Clion, VS Code
- Creative Software: Canva, DaVinci Resolve

PROJECTS AND TECHNICAL WORK

Dollar Finder - Designer and Front-End Engineer   **May 2021 - Aug 2021**

- Designed and built the complete 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, as part of a brown-field software team project
- Employed the JUnit Java testing framework to achieve over 98% coverage on the assigned component of the codebase
- Upgraded and implemented the necessary object-oriented model in Java, thereby contributing over 3.8k lines of functional, test and documentation code

Competitive Programming   **March 2021 –**

- Use Java and C++ extensively to solve competitive algorithmic puzzles and problems
- Solved over 370 questions on LeetCode, with over a 160-day streak on daily problems
- Solved around 50 questions and participated in several contests on CODECHEF
- Completed 2020 and 2021 editions of the popular programming challenge Advent of Code

LEADERSHIP EXPERIENCE AND CCAs

Chief Officer for Ground-Up Initiatives, Pioneer House Student Council, NUS   **Dec 2021 –**

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

Team Lead, Pioneer House Media Team, NUS   **Jan 2021 –**

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