

Siddardha Reddy Sanagala

NUS COMPUTER SCIENCE UNDERGRADUATE

✉ sr.sanagala@outlook.com | 🏠 www.srsanagala.com | 📱 Siddardar

Summary

As an enthusiastic undergraduate computer science student, I have completed coursework in Data Structures and Algorithms, Programming Methodology as well as Operating Systems. Beyond academics, I love to play badminton to unwind and I serve as the leader of my hall's badminton team, where I coordinate practices and tournaments. I'm passionate about learning new technologies and am eager to contribute my skills to real-world projects.

Projects

Chess Review

PYTHON | REQUESTS | STOCKFISH

- Analyses a user's latest Chess.com game for free, allowing for users to learn from mistakes by using latest version of Stockfish
- Produced a promotional video about the product viewable here

Personal Website

REACT.JS | GATSBY.JS | VANILLA CSS

- Built a personal website to showcase personal projects created during free time
- Utilized Gatsby.js, a React based framework with added functionality and in-built website hosting

Court Scan

PYTHON | AIOHTTP | REQUESTS

- Searches for availability of ActiveSG badminton courts based on user's location
- Learned to make asynchronous HTTP requests in Python, a language which does not offer native support

Sudoku Solver

PYTHON

- Optimised the standard way of recursively solving a Sudoku Solver by taking a human-like approach
- Beat 90% of other submissions on Leetcode in terms of runtime

Work Experience

Freelance Home Tutor

H2 PHYSICS | H2 MATHEMATICS

Singapore

Feb. 2023 - May. 2024

- Taught JC students to ace A Level examinations by sharing custom made notes and worksheets tailored to each students needs

SAF Military Police Command

VETERINARIAN | GUARD DOG HANDLER

Singapore

Apr. 2021 - Feb. 2023

- Managed wellbeing of guard dogs by administering needed medicines
- Led section in daily activities and kept morale high by organizing welfare events

Certificates & Awards

CERTIFICATES

2020 **Native German Proficiency**, Goethe Zertifikat C1

AWARDS

2021 **Gold**, Tampines Meridian Junior College Book Prize

A Levels

2021 **Silver**, Tampines Meridian Junior College Book Prize

Prelims

2019 **Distinction**, Tampines Meridian Junior College Service Award

Student Council

2019 **1st Place**, 71st National Schools Individual Chess Championships

East Zone

Education

National University of Singapore

B.COMP. COMPUTER SCIENCE

Singapore

Aug. 2023 - Aug. 2027