

SIDDARDHA REDDY SANAGALA

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github.com/siddardar

PROJECTS

Chess Review

Jun 2023 - Jun 2023

- Analyses a user's latest Chess.com game for free, allowing for users to learn from mistakes by using latest version of Stockfish: a chess engine
- Developed using Python and various Python modules such as Stockfish and Requests
- Produced a promotional video about the product viewable at <https://www.youtube.com/watch?v=YINtkVVE4ZI>
- <https://github.com/Siddardar/chess-review>

Personal Website

Mar 2022 - May 2023

- 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
- <https://srsanagala.com>

Sudoku Solver

Mar 2023 - Mar 2023

- 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
- <https://github.com/Siddardar/sudoku>

Court Scan

Jan 2023 - Jan 2023

- Searches for availability of ActiveSG badminton courts based on user's location
- Built using Python and various Python modules such as aiohttp
- Learned to make asynchronous HTTP requests in Python, a language which does not offer native support
- https://github.com/Siddardar/court_scan

WORK EXPERIENCE

Freelance Home Tutor

Feb 2023 - Present

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

SAF MP Command, Guard Dog Handler

Apr 2021 - Feb 2023

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

EDUCATION

National University of Singapore

Aug 2023 - Aug 2027

Bachelor of Computing in Computer Science

Junior College

Jan 2019 - Dec 2020

Tampines Meridian Junior College

PCMe, AAC/B

Active in Student Council and focused on improving wellbeing of students by planning and executing welfare events

TECHNICAL SKILLS

- Python
- React | JavaScript | CSS

LANGUAGES

English (Native), Telugu (Native)

German (Advanced)

Spanish (Intermediate), French (Intermediate), Hindi (Intermediate)

INTERESTS

Badminton, Chess, Skiing

CERTIFICATES

Goethe Zertifikat C1 (2020). International Standard for proficiency of Standard German

ACHIEVEMENTS

Tampines Meridian Junior College Book Prize Gold (2021). Top 10% of cohort for A-Levels

Tampines Meridian Junior College Book Prize Silver (2020). Top 10% of cohort for Preliminary Examinations

Tampines Meridian Junior College Service Award (Distinction) (2020). For Outstanding Contributions in Student Council