

Sanchez, Bryce Ainsley Ang

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Seeking a May-July 2023 internship

Education

National University of Singapore

BACHELOR OF COMPUTING (HONOURS) IN COMPUTER SCIENCE

GPA: 4.73/5.0 (Honors, Highest Distinction) ([Link to Unofficial Transcript](#))

Singapore, Singapore

August 2021 – June 2025

Work Experience

National University of Singapore

TEACHING ASSISTANT FOR CS1231S DISCRETE STRUCTURES

- Teach a class of 20 students in weekly 2 hr tutorials and grade homeworks. Topics include logic, proof techniques, relations, functions, partial orders, graphs and trees, cardinality, etc.

Singapore, Singapore

August 2022 – November 2022

Skills

Programming Languages:

Python (8.5k LoC), Java (2k LoC), C# (1.5k LoC), C, SQL

Data Structures and Algorithms:

Arrays, Dictionaries, Hashing, AVL trees, BFS and DFS, Dynamic Programming, etc.

Miscellaneous Skills:

Vim, Basic LaTeX, Basic Command Line Interface

Soft Skills:

Teamwork, Problem Solving, Critical Thinking, etc.

Projects

CavernChef

TECH STACK: UNITY, C

A ROGUE-LIKE TOWER DEFENSE GAME WITH A VARIETY OF TOWERS, UPGRADES, AND ENEMIES. I MAINLY WORKED ON TOWERS, PROJECTILES, AND ENEMIES. COMPLETED WITH KEVIN TJAN, WHO OWNS THE GITHUB REPOSITORY.

<https://github.com/Nephelite/CavernChef>

May 2022 - July 2022

Discord Bot

TECH STACK: PYTHON

A PERSONAL DISCORD BOT WITH A FEW BASIC COMMANDS.

<https://github.com/Bryce-3D/Discord-Bot>

August 2022

Honors and Awards

Ongoing	Codeforces Expert Rating (Maximum of 1870) , Codeforces is a well-known competitive programming site. I currently use Python when I compete. CF Profile Page	Codeforces
2022	Top Students for CS2040S Data Structures and Algorithms, NUS , Certificate	NUS
2022	Top Students for CS1231S Discrete Structures, NUS , Certificate	NUS
2019 - 2021	International Mathematical Olympiad - 1 Silver Medal, 2 Bronze Medals , The International Mathematical Olympiad (IMO) is the World Championship Mathematics Competition for High School students and is held annually in a different country. My IMO participant page .	IMO
2019, 2021	Asian Pacific Mathematical Olympiad - 1 Bronze Medal, 1 Honorable Mention , The Asian Pacific Mathematics Olympiad (APMO) is a mathematical competition for countries in the Pacific-Rim Region (did not join in 2020 due to covid). APMO Website	APMO
2019 - 2021	Philippine Mathematical Olympiad - 3 National Champions , The Philippine Mathematical Olympiad (PMO) is the oldest and most prestigious nationwide mathematics competition among secondary school students in the Philippines. Results of previous PMOs	PMO
2021	National Olympiad in Informatics Philippines - Top 30 in National Eliminations , The National Olympiad in Informatics – Philippines (NOI.PH) is an annual programming contest for Filipino high school students. NOI.PH 2021 National Eliminations Results	NOI.PH
2018 - 2021	Iranian Geometry Olympiad - 3 Silver Rulers, 1 Bronze Ruler , The "Iran Geometry Olympiad" was launched by a group consisting of activists of the Mathematical Olympiad in Iran. IGO Website	IGO
2018 - 2020	European Mathematical Cup - 1 First Prize + Top Scorer, 1 Second Prize, 1 Third Prize , The European Mathematical Cup (abbr. EMC) is a high school mathematics competition organized by the Croatian association Young Gifted Mathematicians Marin Getaldic. EMC Website	EMC