# Sanchez, **Bryce Ainsley Ang**

✉ brycesanchezwork@gmail.com | ☐ +65 8010 2545 | ⚲ Singapore | ⚲ [LinkedIn](#) | ⚲ [GitHub](#)
Seeking a May-July 2023 internship

## Education

**National University of Singapore** <span style="float:right">*Singapore, Singapore*</span>
Bachelor of Computing (Honours) in Computer Science <span style="float:right">*August 2021 – June 2025*</span>
   GPA: 4.8/5.0 (Honors, Highest Distinction) ([Link to Unofficial Transcript](#))

## Work Experience

**National University of Singapore** <span style="float:right">*Singapore, Singapore*</span>
Teaching Assistant for CS1231S Discrete Structures <span style="float:right">*August 2022 – Present*</span>
   • Teach a class of 20 students in weekly 2 hr tutorials and grade homeworks. Topics include

## Skills

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| **Programming Languages:** | Python (7.5k 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** <span style="float:right">*May 2022 - July 2022*</span>
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. <span style="float:right">*https://github.com/Nephelite/CavernChef*</span>

**Discord Bot** <span style="float:right">*August 2022*</span>
Tech Stack: Python
A personal Discord bot with a few basic commands. <span style="float:right">*https://github.com/Bryce-3D/Discord-Bot*</span>

## Honors and Awards

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| 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* |
| 2021 | **Iranian Combinatorics Olympiad - Bronze Medal**, [ICO 2021 Results Page](#) (Magica Triplet) | *ICO* |
| 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 Getaldić. [EMC Website](#) | *EMC* |