



## I am **Renoir Tan**.

I am an avid programmer with more than 6 years of coding experience. I hope to learn more about AI and use what I learn in a real-world context.

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## Education

### Raffles Institution

2018 - 2023

General Paper: A, Higher Chinese: A,  
Project Work: B, H2 Physics: A,  
H2 Chemistry: A, H2 Mathematics: A,  
H2 Economics: A

UAS: 88.875

### National University of Singapore (future)

2026 - 2030

I will be taking a double major in  
Computer Science and Statistics.



## Activities

### Team 1 Lead

CSSxCDAC "Learn to Code!",  
March 2023

I led a team from RI's Computer Science Society to teach secondary school students how to code by creating a Discord bot. I was responsible for overseeing the overall direction of the lesson and creating lesson materials. I also conducted part of the lesson myself.


### Design & Publicity Lead


BuildingBlocs June 2024  
Conference


I led a team to create publicity materials to promote BuildingBlocs and design merchandise for the event's participants. BuildingBlocs is an event that aims to teach students different topics such as AI and web development.


## Skillsets



**Languages**  Python, JavaScript, TypeScript, Rust, C, C++

**AI**  TensorFlow, scikit-learn

**Frameworks**  Flask, Django, NextJS

**Others**  Leadership, Presentation Skills, Communication, Teamwork

## Awards



### 1st Place (Individual)

National AI Student Challenge  
2024 (Track 1)

I created a model to predict pet adoption rates on PetFinder.my and suggested ethical improvements on the use of my model.

### 9th Place (Team)

Cyberthon 2023

My team placed 9<sup>th</sup> out of 87 teams in this annual Capture-the-Flag competition organised by Hwa Chong Institution. I worked on the binary exploitation problem sets.

### Silver Bayonet

106<sup>th</sup> Air Force Specialist  
Cadet Trainee Course

I ranked 3<sup>rd</sup> in the SPYDER course.

### Best Airman of the Month

165 Squadron, June 2025

I was awarded for my contributions to the squadron.