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.

- 🌐 www.renoirtan.com
- ✉️ renoirtan2005@gmail.com
- 🐙 github.com/RenoirTan
- 💼 linkedin.com/in/renoir-tan

📖 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 9th 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

106th Air Force Specialist Cadet Trainee Course

I ranked 3rd in the SPYDER course.

Best Airman of the Month

165 Squadron, June 2025

I was awarded for my contributions to the squadron.