

Sean Yang

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seanyang.me | [linkedin.com/in/syang07](https://www.linkedin.com/in/syang07) | github.com/aicheye

EDUCATION

University of Waterloo

Bachelor of Software Engineering

Waterloo, ON

Sep. 2025 - May 2030

A. Y. Jackson Secondary School

Ontario Secondary School Diploma

North York, ON

Sep. 2021 - June 2025

SKILLS

- JavaScript, TypeScript, ReactJS, NodeJS, Tailwind CSS, Next.js
- Python, Java, HTML, C, C++, Gradle
- Firebase, SQL, Git, Netlify
- VEX Robotics

EMPLOYMENT EXPERIENCE

Jr. Camp Counsellor

The STEAM Project

June 2024 – Aug. 2024

Richmond Hill, ON

- STEAM: Science, Technology, Engineering, Arts, Math
- Helped children carry out activities, ensuring they had fun and stayed engaged

VOLUNTEER EXPERIENCE

Senior Lecturer & Problem Setter

AYJ Coding Club

June 2024 - Present

North York, ON

- Presenting & leading meetings on high-level programming concepts
- Authored problems with 250+ submissions for coding contests on a student-ran online judge
- Improving and developing the club website used regularly by 100+ registered members
- Tutoring club members on difficult curriculum coding topics

PROJECTS

seanyang.me | JavaScript, ReactJS, Tailwind CSS, Next.js, Netlify

Feb. 2025 - Present

- A modern, responsive personal portfolio website built with Next.js 15
- Animated background, light/dark mode toggle, interactive tooltips, and smooth scroll animations.

[aicheye's Combat Tagging](#) | Java, Gradle, Fabric API

Mar. 2025 - Present

- Originally made for my friends' Minecraft server, I decided to make this plugin public
- Implementing object-oriented programming paradigms, event handling, using resource management best practices to optimize performance on hardware-limited servers
- Accumulated 210+ downloads on Modrinth

[Quoridor](#) | Java

May 2024 - June 2024

- Java implementation of Mirko Marchesi's strategy game Quoridor
- Wrote a minimax game agent and optimized it by 100x over the course of the project
- Pathfinding algorithms, heuristic ordering, alpha-beta pruning

AWARDS AND ACHIEVEMENTS

- OFSAA Swimming Championships 2024 Qualifier
- Certificates of Distinction: Euclid 2024, CSMC 2024, CCC Senior 2024
- COMC 2024 Performance with Distinction
- Computer Science Excellence Award
- Chemistry Excellence Award