

# YueAgar\_c

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## EDUCATION

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### The Chinese University of Hong Kong

*Bachelor of Science in Computer Science*

Hong Kong, China

*Sep. 2023 – Present*

- cGPA: 3.7/4
- Dean's List, 2023-2024
- Received A or Distinction grades in all computer-related courses took in CUHK.

## COURSES

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### CS50x

*Introduction to Computer Science*

Harvard

*May 2023 – June 2023*

- The basics of C, Python, SQL and JavaScript are taught in this course. Programming concepts like memory management and data structures are also introduced in the course.
- My coursework source code: [github.com/yueagar/my\\_cs50\\_code](https://github.com/yueagar/my_cs50_code)

### ENGG1110

*Problem Solving by Programming*

CUHK

*Sep. 2023 – Dec. 2023*

- The basics of C are taught in this course.
- I made a simple sudoku game and solver in C as the final project of the course.

## PROJECTS

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### Agar.io extensions and private servers | *JavaScript, Node.js, Git*

May 2019 – Dec. 2022

- Worked with people around the world.
- 1000+ users; 30-50 active daily users.
- Used PixiJS as the 2D WebGL rendering engine.
- Used WebSocket API to establish communications between clients and servers.
- Hosted at Heroku at first and then moved to Google Cloud Platform.
- Used Git for version control.
- Contributed 10K+ lines of code and spent 100+ hours testing and debugging.

### Dot Minigame | *JavaScript*

July 2020 – July 2020

- Inspired by Agar.io.
- Used PixiJS as the 2D WebGL rendering engine.
- Source code: [github.com/yueagar/minigame](https://github.com/yueagar/minigame)

## TECHNICAL SKILLS

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**Languages:** JavaScript, C, Python, SQL

**Frameworks:** React, Node.js, Flask

**Developer Tools:** Git, Google Cloud Platform, VS Code

**Libraries:** PixiJS

## OTHER SKILLS

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**Languages:** Cantonese(native), Mandarin(native), English(fluent), Japanese(intermediate)

**Ability** to lead others and organize tasks in a group project.

**Self-reliant** – able to work and travel alone.