YueAgar_c

+852 12345678 | kelvin20040807@gmail.com | linkedin.com/in/someone | github.com/yueagar

EDUCATION

The Chinese University of Hong Kong Hong Kong, China
Bachelor of Science in Computer Science *Sep. 2023 – Present*
- cGPA: 3.711/4
- Dean's List, 2023-2024
- Received either A or Distinction grades in all computer-related courses I took: ENGG1003,1110,2020.

COURSE MINI PROJECTS

ENGG1110 CUHK
Problem Solving by Programming *Sep. 2023 – Dec. 2023*
- Made a simple sudoku game and solver in C.

PERSONAL PROJECTS

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 in binary protocol 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.
- Website: www.cse.cuhk.edu.hk/~klyue3/hslo
- Prototype demo: www.cse.cuhk.edu.hk/~klyue3/game

Animated Desktop | *JavaScript* January 2024 – January 2024
- Made with Lively Wallpaper.
- Fetched data from Hong Kong Observatory to display current weather and warnings.
- Fetched data from local JSON files to display upcoming lessons that day.
- Source code: github.com/yueagar/my-desktop

Dot Minigame | *JavaScript* July 2020 – July 2020
- Inspired by Agar.io.
- Used PixiJS as the 2D WebGL rendering engine.
- Made use of caches to improve rendering performance drastically.
- Source code: github.com/yueagar/minigame

Portfolio Website | *HTML, CSS, JavaScript* August 2024 – August 2024
- Fully responsive and easy navigation.
- Implemented translations of text in HTML elements using JavaScript.
- Source code: github.com/yueagar/personal_web

TECHNICAL SKILLS

Languages: JavaScript, C, Python, SQL
Frameworks: React, Node.js, Flask
Developer Tools: Git, Google Cloud Platform, VS Code
Libraries: PixiJS

OTHER SKILLS

Languages: Cantonese(native), Mandarin(native), English(fluent), Japanese(intermediate)
Tools: Microsoft Office, Adobe Photoshop CS6, Sony Vegas Pro 13, Audacity
Ability to lead others and organize tasks in a group project.
Self-reliant – able to work and travel alone.