

Sam Shan

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Projects

🔗 High School Social media database | HTML, CSS, PHP, MySQL, XXAMP

- Designed a locally hosted website for high school peers to create accounts and share their interests
- Used PHP to connect HTML/CSS webpage to MySQL database
- Developed using VScode and hosted on an Apache web server through XXAMP

🔗 Order and Chaos | C++, ubuntu, makefile, wsl

- Developed a 2 person grid board game with the option to play against the computer
- Created using 2d-vectors, classes and objected oriented C++
- Developed on Linux Windows Subsystem using a makefile and g++ compiler

🔗 RadHeights | HTML, CSS, Flexbox, media query, GitHub pages

- Created a webpage for a local art organization
- used CSS Flexbox and media queries to make web pages responsive
- hosted through GitHub pages

Trivia Game | Python

- Created a small trivia game that tracks the score of multiple players
- Used read in/out to store questions and user scores
- Users are sorted by their percentages and can log in to update their scores

Experience

RadHeights

2022 – 2023

Web Developer

- Held consulting sessions to help design an updated website for RadHeights
- Created multiple prototypes using HTML/CSS and hosted them using Github Pages

Environment Club

2020 – 2023

Vice President

- Planned out and led environment-related initiatives during high school
- Led litter pick-ups for surrounding schools and collected over 1,000 batteries to recycle

EDUCATION

University of British Columbia | Vancouver, BC

2023 - present

BSc candidate, Intending to major in Computer Science

Simon Fraser University | Surrey, BC

2022 - 2023

Computer Science

- 4.0 GPA
- Introduction to Programming I and II

Technical Skills

- Languages: C++, Python, HTML/CSS, PHP, Java
- Technologies: MySQL, XXAMP
- Tools: Git, GitHub pages, Linux, VScode, IDLE, Google documents/sheets