

Sung Ha Hwang

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SKILL

- Excellent in Java and OOP from programming the Jeopardy game project
- Comfortable in HTML, CSS, React,
- Familiar with Socket.IO, NodeJS, and GitHub from developing an online board game
- Proficient in Shell, C, and Python utilized to program in academic contexts
- Good communication and teamwork skills demonstrated while designing and constructing a robot with teammates in a robotics competition

EDUCATION

Honours Bachelor of Science, Computer Science

September 2019 - present

University of Toronto Scarborough, Scarborough, ON

- Computer Science Specialist Co-op, 2nd year
- Cumulative GPA: 4.0
- Awards: Scholars Award \$7500

PROJECTS

Jeopardy Game

May 2019 - June 2019

Computer Science, London Central Secondary School, London, ON

- Programmed and designed a jeopardy-like game using Java, UI libraries, and Gantt chart, resulting in a functional program with flawless user experience
- Developed test cases to find and communicate solutions to alleviate bugs in our program, leading to a clean program given the time constraint

Othello

May 2020 - Present

Fullstack project

- Created a real time online based Othello board game using Socket.IO for data transfer and GitHub for version control
- Designed front-end using React, CSS, and HTML and [deployed to Netlify](#)
- Developed back-end to handle game logic and user/room data using Socket.IO and Node.js and [deployed to Heroku](#)

Random Quotes Generator

May 2020

Personal projects

- Created a web page to generate a random quote from an open API with a button press using React, HTML and SASS
- Polished designs with seamless UI and UX utilizing animations, media queries, and responsive typography

EXTRA CURRICULAR

Mechanic/Editor/Member

October 2017 - June 2019

FIRST Robotics, Western Engineering's Rover club, London, ON

- Shared and implemented creative design ideas to gain game points for the competition, going on to the world championships in 2018 and 2019.
- Analyzed the robot to install and replace various broken parts of the robot before and during competition, ensuring faultless mechanical performance
- Filmed and edited videos to present our team to the competition judges