Sabrina (Yuqiao) Sun

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SUMMARY OF QUALIFICATIONS

- Proficient in C, Scheme, Python, HTML and CSS, self-learning JavaScript and OS system
- Working knowledge in C#, Arduino, Scratch, MS Software and GitHub
- Skilled in SQL and MS Excel proven by previous developing experiences
- Excellent problem-solving skill by game development, web design and other related projects
- Outstanding leadership and organization skills developed through being acting minister of KWCSSA

EDUCATION

Candidate for Bachelor of Computer Science
Undergraduate, Computer Science, University of Waterloo, Waterloo, ON, Sept/2017- present
GPA: 3.35 / 4.0
Awards: President's Scholarship of Distinction

WORK EXPERIENCE

***Excel & SQL:* Data Analyst**
ShiLingLong Technology Co. Ltd, Beijing, China, Jun/2015 - Aug/2015

- Participated in data analyzing and testing of "Smiling Detection System" which used in show "Chinese Laugh".
- Responsible for loading random client data, able to manipulate and group large data using SQL.
- Exported data to MS Excel for periodic reporting, created various type of graphs and summaries for analyzing.

PROJECTS & ACTIVITIES

***C# Unity*: Game Development**

- Self-learned C#, including Test Driven Development and able to build several games including a full 3D version of Pong with an online multiplayer scoreboard using Unity 3D
- Developed a positive attitude to problem solving, gained an excellent general knowledge of game creation and leaned how object-oriented programming works in practice.
- Ability to transfer knowledge to .NET and other languages

***HTML & CSS*: Web Design**

- Designed a personal website by HTML, styled with CSS and hosted the website by GitHub pages
- Demonstrated strong ethic and independence by following the web design tutorials online

***Arduino:* "Traffic Light" & "Find the Light"**

- Built a circuit model for "Traffic Light Control", created a program using Arduino software to make LEDs change once the input button is pushed.
- Designed a model that would show the light intensity and automatically turn light bulb on if the LDR (light dependent resistor) senor detects darkness.

***RobotC:* Vex Robotic & RobotC Program**
Bayridge Secondary School, Kingston, ON, Sept/2015 - Feb/2017

- Created a robot with scissor lift and grabber from scratch with provided Vex materials
- Designed an 15s autonomous program using RobotC, such that the robot can operate itself
- Collaborated with a team of six as a leader in 2016 and 2017 Vex Starstruck competitions

Executive Director & Acting Minster of Organization Department
KWCSSA (Kitchener-Waterloo Chinese Student & Scholars Association), Waterloo, ON, Sept/2017 - present

- Organized annual events and wrote several planning cases for future activities
- Coordinated each team, created rundown and effective excel spreadsheets as an executive director
- Supervised with show qualities and able to work with teams independently
- Ability to establish reliable relationship with other members in the department