

Yiwen (Vivian) Wu

Computer Engineering | University of Waterloo | Students No. 20777081

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SKILLS

- Language: SQL, C++, Java, HTML, CSS, JavaScript and Python
- Tools/ Framework: SQL2014 Server, Visual Studio, Eclipse, IDEA, jQuery, node.js, Atom

PROJECTS

YW Store Management Database

- Programed initialization scripts to manage all store department databases with SQL
- Created and linked the bank statement, investment, storages, handler list, item list, custom list, supplier list databases by programming logics
- Designed merchant category code of item list database to maintain an organize stock
- Achieved daily cutoff-start and cutoff-end, balance inquiry, commodity trading, transfer of funds and staff access management in the store to operate YW store automatically and efficiently

LEGO Robot Design

- Led a team of 4 members to sketch the external structure of a LEGO robot to achieve multiple missions
- Designed the function of the LEGO robot by coding in LEGO MINDSTORMS EV3 and applying ultrasonic, gyro and touch sensors
- Accomplished FIRST LEGO League 2019 mission with excellent troubleshooting skills

Personal Interests Website

- Built personal website in Atom to exhibit photographs
- Created a dynamic photo album on website home page with JavaScript

WORK EXPERIENCE

Database developer Internship

Shenzhen Kingdom Sci-Tech Company

June 2019 -July 2019

Shenzhen, China

- Programed SQL functions, cursors, circulations and storage processes by using SQL2014 Server
- Imported the data from Word document into the database through UltraEdit
- Increased by 20% the efficiency of data management at Shenwan Hongyuan securities system integration project

BASE Rep Volunteer

Renison University College

September 2018 - November 2018

Waterloo, Ontario, Canada

- Collaborated with other students to organize an environmental sustainability fair
- Organized the Candy Crush game in the fair and assigned the work fairly in a team
- Attracted the students in Students Life Center to participate in the game
- Improved communication skills by exchanging thoughts with colleagues in weekly meetings

Tutor Assistant

YouXue Institution

May 2018- July 2018

Wuhan, Hubei, China

- Managed the logistics by preserving the data base of staff salary, class schedule and student attendance by Microsoft offices
- Applied physics knowledge to assist students to build a better understating of the content in class

EDUCATION

Candidate for Bachelor of Applied Science in Engineering

Computer Engineering, University of Waterloo, Waterloo, ON

September 2018 – Present

INTEREST

- Playing Ukulele, Carving rubber stamp, Economics and Front-end web development
- Member of Waterloo Data Science Club