Yang Liu

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HIGHLIGHT OF QUALIFICATIONS

- **Web Development:** HTML (Intermediate), CSS (Intermediate), JavaScript (Intermediate), Angular (Novice), NodeJS (Intermediate)
- **Object Oriented Languages:** Python (Intermediate), Dart (Novice)
- **Version Control Tools:** Git (Novice), GitHub (Intermediate)
- **Database:** SQL Server (Intermediate), SQLite (Novice)
- **Test Automation Tools:** Selenium (Novice), Postman (Intermediate)
- **DevOps Tools:** Travis CI (Novice)
- **Spoken Languages:** Strong communication skills in both English and Mandarin

EDUCATION

Computer Information Technology Diploma, British Columbia Institute of Technology, Vancouver, BC   **Expected completion: January 2021**
- Diploma specializes in frontend and backend development as well as computer hardware and functionalities. Extended to bachelor's degree after 2 years.

RELEVANT COURSES

Agile Development Project
- Worked in a 5-person team to develop an online math game for young students.
- Project was built using HTML, CSS, JavaScript, and NodeJS. Agile and Scrum methods were employed to develop the program in iterative and incremental steps.

Scripting for IT & Object-Oriented Programming
- Python class, learned syntax and various commands such as loops, arrays, dictionaries.
- Classes, objects, unit testing, and rest calls were taught in the following semester.
- Utilized these skills in many assignments including the Connect 4 project discussed below.

UI/UX Development
- Learned about the importance of UI and UX design and how to create good designs and user interfaces.
- Used Figma to draw up design mockups. Designed various schemes for a multitude of mobile devices as well as desktop designs such as a mockup of a music app and a remodel of our school's website.

Fundamental Web Technologies & Developing Web Applications
- Frontend web development class, gained a high level knowledge in HTML, CSS, and JavaScript.
- Angular, NodeJS, and Selenium testing were taught in the following semester.
- Created various websites for personal and academic assignments that incorporated new methods learned in each class such as Models, Views, Components.

Database Systems
- SQL Server (syntax and commands) and Entity Relationship Diagrams (ERD).
- Designed a mockup ERD for a local gym as a project.

PROJECTS

Online Math Game
- Collaborated in a team of five individuals to work on a 5-week project to create an online math game targeted at young students.
- Developed using HTML and CSS for the frontend portion of the project and used JavaScript and NodeJS for the backend portion.
- Practiced test-driven development, incremental and iterative changes were made each week and committed to GitHub.
- Used Travis CI for testing and deployed website through Heroku.

Personal Website
- Designed my own personal website using HTML, CSS, and JavaScript to work on frontend and backend features such as drop-down menus, navigation menus, and hyperlink associations.
- Utilized Bootstrap 4 for enhanced styling and aesthetic visuals, as well as mobile responsiveness to enhance user friendliness
- Pilot tested and fixed bugs that arose and deployed website through Git on GitHub at https://yingyanggoat.github.io/yangliu/

Python Connect 4 Game
- Utilized Turtle within Python to construct a Connect 4 game
- Debugged and tested the program through the development stages which resulted in a tangible working product at pilot stage

WORK EXPERIENCE

Sales Associate, Science World at Telus World of Science, Vancouver, BC **June 2015 - Present**
- Followed documentation procedures to handle sales transactions accurately and efficiently which required high level of detail orientation to reduce redundancy and errors of numbers.
- Communicated with global and domestic customers to provide information about various topics such as city events, tourist spots, and general directions.
- Helped track stock and guidance with purchase invoices based off what was deemed to sell well.
- Performed training of new staff members and volunteers.