

Qi Shu

2B Honours Computer Science and Business Administration Double Degree

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SUMMARY OF QUALIFICATION

- Experienced in developing applications using a variety of languages
- Exceptional in learning and analyzing, learnt multiple front-end frameworks such as jQuery and bootstrap in two days for a hackathon
- Excellent teamwork and communication skills; able to prioritize to meet demanding timelines

Skills

- Programming Language: Proficient in C, Scheme, JavaScript, HTML, CSS, jQuery and Bootstrap; Familiar with Bash, Python, SQL, VBA and C++
- Operating System: Linux/Unix, Windows, Mac, iOS and Android
- Application: MS Office (Excel, Word and PowerPoint), Adobe Photoshop

NOTABLE PROJECTS

iCare

- Developed customized web part including visualization features and data filters using a combination of HTML, CSS, and bootstrap where appropriate
- Adopted the responsive web design allowing webpages to be viewed in response to screen size
- Established a HTML widget featured with input boxes which can display to store and process information

Personal Website <https://qi-shu.xyz>

- Developed a responsive website implemented by HTML, CSS, JavaScript/jQuery and Bootstrap

Student Information System

- Implemented an Abstract Data Type (ADT) based on C which was designed to record attendance, payments and test scores when I worked as a teaching assistant
- ADTs include Mutable Stack, Dictionary, Dynamic Priority Queue, Tree and Sequence

Test Automation

- Developed test automation based on Bash shell scripting to test codes written in C++ for schoolwork

Work Experience

Teaching Assistant *Math Faculty of the University of Waterloo*

Sep 2017- Present

- Mark weekly assignments and tests, and provide feedbacks to students
- Enhanced teamwork skills by attending regular group meetings to ensure unbiased marking

AWARDS

1st place in Women Empowerment Category in Equithon

May 5th 2017 – May 7th 2017

- Built iCare using HTML, CSS, Bootstrap in a responsive web design

3rd place in Unilever Social Enterprise Competition

Mar 2017

- Developed a plan for a non-profit business, “Clean Toilet”, targeted at improving sanitation in India
- Polished analysis skills by building the business and cultivated fast thinking through Q&A session

EDUCATION

University of Waterloo, Waterloo, ON

Sep 2016- Present

- 2B Honours Computer Science and Business Administration Double Degree, Co-op Program