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Be Charmaine Wang

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# SUMMARY OF QUALIFITCATIONS

Development: C#, C++, Javascript, HTML, CSS, SQL, MS Visual Studios, SolidWorks, Java

Tools: Eclipse, Docker, Spring Boot, Robot Framework, Linux, Toad, Micrsoft Office, MS Visual Studios, CMD Design: Illustrator, Photoshop, Experience Design, SolidWorks, iMovie, Lightroom, User Personas, Prototyping

Skills: adaptability, agile development, self-learning, teamwork, communication, creativity, initiative

# **EXPERIENCES**

### **Programmer Analyst | TELUS Health**

Jan '17 - Apr '17

### CICD Research and Development

- Developed and compared microservices running on different servers (Tomcat, Pippo, Node.js, Spring Boot) for optimum compatibility in pipeline
- Experienced working with several Docker components (commands and microservices management) to create Docker images and containers
- Established, developed and validated testing methods for existing web apps using Robot Framework and Selenium2Library

# AWS Research and Development

- Performed database migration from Oracle to Amazon Aurora
- Developed PoC for Amazon Schema Conversion Tool usage

# Marketing and Media Director | University of Waterloo

Present

### **Enginering Society Directorship**

- Centralize advertising and create an effective advertising plan between events
- Revamped "ENG HACK" logo and designed print media
- Use creative vision to communicate event ideas for event promotion and student focused activities through campus ads

# Music Executive | Lorne Park Secondary School

Sept '16 - Jun '17

#### **Publicity Head**

- Created 10+ program covers, posters and banners to promote the school's concerts and musical events
- Fundraised over \$200 through school's music apparel design and sales

### Summer Camp Volunteer | Saga Day Camp

Jul '12 - Aug '16

- Devoted 700+ hours of community service by leading, supporting and creating a welcoming atmosphere for children ages 5 - 10
- Developed communication skills and problem solving through interactions with other leaders and parents to provide uplifting experiences for all

### PROJECTS

#### Personal Website

Present

 Applied HTML, CSS and Javascript for personal website

### Balance Improvement Board

- Dec '16
- Defined design process to create an adjustable exercising platform for quadriceps toning
- Refined design iterations and prototypes through user testing

### Mensch (Boardgame)

Dec '15

 Developed Mensch in a team of 3 using C# through Visual Studio

#### Logo Design

Aug '16

- Designed a logo for Horizon Sun Holdings Inc. branding
- Satisfied customer's needs to improve market presence through brand recognition

### Snapchat Geofilter

Jun '16

 Produced 2 geofilters for my high school, which are used daily by approximately 600 students

# INTERESTS

- Graphics Design
- Wide taste in music
- Puppies
- Travelling

**EDUCATION** 

AWS Certified Developer

Mar '17- Present

A CLOUD GURU

Systems Design Engineering

Sep '17- Present

University of Waterloo - Digital Design (Cirucuits), Human Factors in Design (Ergonomic Studies)