Charmaine Wang
Systems Design Engineering

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Bē Charmaine Wang

SUMMARY OF QUALIFICATIONS

Development: HTML, CSS, JavaScript, SQL, C#, C++, Java
Design: Illustrator, Photoshop, InDesign, Sketch, User Personas, Prototyping, Experience Design, SolidWorks, iMovie
Tools: Eclipse, Docker, SolidWorks, Robot Framework, Linux, Toad, Microsoft Office, AWS, MS Visual Studios
Skills: Adaptability, Agile Development, Creativity, Self-learning, Teamwork, Communication, Initiative

EXPERIENCES

Programmer Analyst | TELUS Health
Jan '17 - Apr '17

CICD Research and Development

- Developed and compared microservices running on different servers (Node.js, Tomcat, Pippo, Spring Boot) for optimum compatibility in pipeline
- Created Docker images and containers to improve the pipeline scalability and solve microservice deployment issues
- 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 to have data stored in a cloud based database
- Developed PoC for Amazon Schema Conversion Tool usage for future AWS use

Marketing and Media Director | University of Waterloo
Present

Engineering Society Directorship

- Centralize advertising and create an effective advertising plan between events to increase student interaction
- 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 JQuery 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 (Board game)
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
- Exceeded customer's expectations to improve market presence through brand recognition

Snapchat Geofilter
Jun '16

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

INTERESTS

- Graphic Design
- Puppies
- Cooking and Baking
- Travelling

EDUCATION

Systems Design Engineering
Sep '17- Present

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