


JENNIFER HE

 jy2he@uwaterloo.ca

 (780) 862 - 8200

 jenniferhee.wixsite.com/jenn

SKILLS

Experience with **human subject research** and **data analysis** · Proficient with **Adobe Illustrator, Lightroom, Figma**, and **SolidWorks**
· **Learning C++** and HTML/CSS · **Works efficiently** under time constraints · Quick and **proactive learner** · Effective **communication skills**

EXPERIENCE

UI PERSONAL EXPLORATION PROJECT

Sept 2018

- Identified and explored problems associated with the technical complexity of current DSLR camera interfaces.
- Created a user interface redesign tailored towards novice photographers to address these issues.
- Compiling findings and results onto a personal portfolio.

TUTOR HOUR

Jul - Aug 2018

English Tutor

- Effectively communicated information to elementary level student in an engaging manner and tone.
- Designed a two-month summer lesson structure to fulfill student needs and address areas of concern.
- Expended extra hours constructing thoughtful and individually adapted session plans.

WINNERS MERCHANTS INTERNATIONAL

Jul - Sept 2017

Store Associate

- Worked efficiently in a fast-paced and dynamic environment to provide a high degree of customer service.
- Committed to ensuring customer satisfaction by promptly attending to and resolving complaints.
- Processed refunds, exchanges, and purchases in accordance to company guidelines and managerial directions.

UNIVERSITY OF ALBERTA

Jul - Aug 2017

Research Assistant

- Conducted research to improve the molecular genetic diagnosis processes of Hereditary Hemorrhagic Telangiectasia.
- Designed a patient questionnaire and interviewed subjects over the phone and in clinic to collect relevant research data.
- Analyzed cases of misdiagnosis to establish need for accredited HHT Centres that provide proper and specialized treatment.

VOLUNTEER WORK

OSA STUDENT ENGAGEMENT TEAM COUNCIL

Mar 2016 - Jun 2018

Co-President

- Managed and organized a twenty-five member council.
- Supported sub-teams and event leads by providing detailed feedback and constructive guidance.
- Organized school-wide mentorship program, and mental health awareness sessions.

SURGERY SIMULATION RESEARCH LAB

Jan 2016 - Aug 2017

Lab Assistant

- Collected data under the instruction of graduate students and inputted findings into Microsoft Excel spreadsheet for analysis.
- Collaborated on a research project involving Eulerian Video Magnification and its applications in the surgical community.

ACCOMPLISHMENTS

Awarded Math 31 IB, Chemistry 30 IB, Art 30 IB Highest Achievement, and Service in 2018.
Graduated top 5% of high school class.

RELEVANT COURSES

SYDE 101L Graphics Lab · **SYDE 121** Digital Computation · **SYDE 161** Introduction to Design

EDUCATION

UNIVERSITY OF WATERLOO

Candidate, B.A.Sc., Systems Design Engineering
2018 – 2023

OLD SCONA ACADEMIC

High School Diploma
2016 – 2018