

PAMELA WANG

Systems Design Engineering BASc

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EXPERIENCES

Business Analyst and QA Analyst

BDO Canada LLP

 January 2020 – May 2020

 Mississauga, ON

- **Piloted Automation Test Case creation** using Katalon Studio for a new project, creating over **50** automatic test cases, spearheading a robust automation testing framework for future test cases
- Inspected and **investigated and resolved over 30 bugs using SQL** to determine root causes as to ideate possible solutions
- **Triageed tickets** between clients and developers, **translating stakeholder requirements to technical terminology** ensuring that smooth progress of the project
- Independently learned **SQL** and **Katalon Studio**, a **Selenium-based automation testing software**, within two-weeks
- Manually tested bug fixes on all test environments, ensuring a thorough and accurate fix of bugs **in accordance with client business logic**
- **Accurately taught Katalon Studio** to members of the company, and completed thorough **documentation of Katalon Studio and associated languages (Javascript, Java/Groovy)**

Founder / Logistics Director

Hack the Hammer / Urban Hacks

 June 2017 – December 2018

 Hamilton, ON

- **Co-founded Hack the Hammer**, Hamilton's first 24-hour high school hack-a-thon, which **hosted over 150 participants**
- Fostered positive relations with over 24 sponsors resulting in the **50% retention of sponsors** for our second hack-a-thon (Urban Hacks)
- **Managed 15 volunteers, a 20-person hack-a-thon team**, and all 100+ hackers throughout the hackathon, preventing logistic issues and creating a enjoyable hacking experience

Marketing Coordinator

Model City Hall Hamilton (MCHH)

 December 2017 – May 2018

 Hamilton, ON

- **Developed marketing plans** for social media outreach and branding to publicize MCHH's first event by devising promotional plans which attracted over 100 participants
- **Worked collaboratively** alongside 15 team members to successfully establish MCHH as an institution for advocacy, resulting in business partnerships with the City of Hamilton and McMaster University

Student Body President

Westdale Secondary School

 2017 – 2019

 Hamilton, ON

- **Directed over 1700 students** by speaking at large assemblies and hosting weekly Student Council meetings to orchestrate school events and activities
- Communicated efficiently with administrative staff to optimize student experiences inside and outside of the classroom by discussing new learning techniques and stress management strategies

PROJECTS

Waterloop: Mechanical Team


University of Waterloo

 September 2019 – Ongoing

Currently **re-engineering** a lightweight, maneuverable shell for the main pod using **Solidworks**.

PlayDome

SHAD National Design Challenge

 July 2018

Worked in a **team** to **design** and **prototype using a 3D printer**. Created a structure which aims to protect children during earthquakes.

SKILLS

C++

Javascript

Git

Java

SQL

Python

Automation Testing Selenium

Manual Testing

HTML/CSS

Solidworks

Figma

AutoCAD

AWARDS



Principal's Entrance Scholarship 2019

University of Waterloo



Principal's Award of Excellency in Leadership 2019

Westdale Secondary School



First Class Honours Student 2015 – 2019

Westdale Secondary School

EDUCATION

Systems Design Engineering

Candidate BASc

University of Waterloo

 2019-2024

Digital Computation (C++)

Data Structures and Algorithms

Visualization, CAD, and Solidworks (3D modeling and drafting)

Principles of Design, **System modelling and analysis**