

PAMELA WANG

Systems Design Engineering Candidate 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
- **Triaged tickets** between clients and developers, **translating business requirements to technical terminology** clearly and precisely, ensuring that smooth progress of the project
- Expertly inspected and **investigated over 30 bugs using SQL** to determine root causes as to ideate possible solutions
- Independently learned **SQL** and **Katalon Studio**, a **Selenium-based automation testing Software**, quickly, within a two-week time frame
- 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 expert **documentation of Katalon Studio** including **X-path declarations** and **Javascript execution scripts**

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 and the entire hack-a-thon team** using industry tools such as Slack and Microsoft Excel, ensuring an excellent hacking experience for participants

Marketing Coordinator

Model City Hall Hamilton (MCHH)

📅 December 2017 – May 2018

📍 Hamilton, ON

- **Developed marketing plans** 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 MacMaster 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 protects children during earthquakes.

SKILLS

C++

SQL

HTML/CSS

Javascript

Solidworks

Figma

AutoCAD

Automation Testing Selenium

Manual Testing

Microsoft Office Suite

Java

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

SYDE 121: Digital Computation (C++)
SYDE 223: **Data Structures and Algorithms**
SYDE 101L: Visualization, CAD, and Solidworks (3D modeling and drafting)
SYDE 161: Principles of Design, **System modelling and analysis**