

ELIZABETH LIN

University of Waterloo • Candidate for BASc Biomedical Engineering (2023)

SKILLS

Languages: C++ • C# • Python • Javascript • HTML • SQL

Technology: Git • React.js • UNIX • SolidWorks • MySQL • MATLAB •
Postman • TestRail • Jenkins • FileZilla • Jira •
Microsoft Office Suite • Sketch

COURSEWORK

Digital Computation
Data Structures & Algorithms
Introduction to Biomedical Design
Prototyping, Simulation & Design
Physiological & Biological Systems

EXPERIENCE

Jan- **VirtaMove | Software Developer Intern**

Mar Ottawa, ON

- 2020
- Developed a program to obtain the COM/DCOM & COM+ objects remotely from a Windows operating system in **c++** through **querying the WMI client**
 - Developed **python** script that facilitated the consolidation of multiple registry keys
 - Worked closely with a full-time developer to gather data and metrics remotely (files, registries, COM, DCOM, etc.) to be used for subsequent **data analysis**

May- **Veeva Systems Inc. | Quality Assurance Engineer Intern**

Aug Toronto, ON

- 2019
- Developed test plans using **TestRail**, that address areas such as **database impacts, software scenarios, regression testing, bug retests, & usability**; documented software defects using **Jira**, and reported defects to Software Engineers & Product Managers
 - Critiqued **technical design decisions** for a new feature through the analysis of function requirements & designs with consideration of potential problems, **in order** for production

Jan- **Junior Achievement - Zentus | PR Specialist**

June Toronto, ON

- 2018
- **Co-founded** a **non-profit** student run company aimed to break the stigma surrounding mental health & improve **mental well-being** in society
 - **Coordinated & led** a public hosting networking event to **inspire** other students; **reached out** to known individuals to speak about their own unique journey to success

2015- **Spirit of Math Inc. | Teacher's Assistant**

2018 Toronto, ON

- Observed each student's performance in detail to record relevant data to assess progress
- **Reinforced learning concepts** by reviewing material with students one-on-one
- Collaborated with the teacher to **plan & execute lessons** to empower the company's curriculum, goals & objectives

PROJECTS

The Key to Sleep | 2018

Invented a low-intensity **sensor stimulating** device targeted to children with Autism to **establish an engaging sleep routine.**

Revolution | 2018

Engineered an **innovative and challenging puzzle** composed of **3D printed** moving components designed in **SolidWorks.**

ZenTracker | 2018

Performed **testing & quality control** for the development of an app aimed to improve one's **mental fortitude** through daily tips and statistics.

ZenBox | 2018

Designed, promoted & led the production of a stress relief kit which comprised of **instant relief elements** for **long-term satisfaction.**