Celine Tran

2B Mechatronics Engineer

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Skills

Languages
C++, SQL, Java, HTML, CSS, JavaScript, Robot Framework

Tools
AutoCAD, SolidWorks, Jira, Git, Figma, GCP

IDE
PyCharm CE, IntelliJ, Visual Studio Code, SQL Server, SQL Workbench, Android Studio

Training
WHMIS, Microsoft Office 365

Education

University of Waterloo
Sept 2018 – PRESENT
Bachelor of Mechatronics Engineering

Relevant Courses

Microprocessors Digital Logic

Data Structures and Algorithms

Digital Computation

Engineering Graphic and Design

Awards

Winner of People Choice at Ritual Co Hackathon, 2019

Best IoT Hack Using a Qualcomm Device at Make UofT, 2019

University of Waterloo President's Scholarship, 2018

Experience

Q/A – *Ritual Co, Toronto, Ontario*
Sept 2019 – Dec 2019

- Used **Test Rail** to plan, write and execute test plans for mobile and web based manual testing
- Used **Charles Proxy** and **Postman** to test API calls and endpoints
- Used **Google Cloud Platform** to run test runs and debug issues in on the server and client application
- Create automated testcases in **PyCharm CE** using **Robot framework** to reduce amount of time spent on manual testing

Software Developer, Q/A – *Shop Edge Software, Kitchener, Ontario*
Jan 2019 – Apr 2019

- Used SQL Server and Visual Studio 2017 to create **SSRS**, **Crystal Reports** and related queries
- Created, modified and tested **Java** code in Android Studio
- Added new visual features to the desktop application using **C#** and **.Net Framework**
- Communicated with customers effectively to quickly resolve ongoing conflict
- Used **Jira** and **Source Tree** to manage code development and customer trouble shooting

Projects

Personal Website
Aug 2020

- Used **HTML**, **CSS** and vanilla **JavaScript** to create a personal website
- GitHub Pages was used to host the page

Ritual Rewind – *Ritual Co Hackathon 2019*
Dec 2019

- Used the **React library** to create an interactive multiple page website with animations based on designed created in **Figma**
- Pulled user date using **Big Query** to communicate annual trends and usage data to the company and users

Find Space – *Make UofT 2019*
Feb 2019

- Create a program that uses AI Vision to detect empty parting spots using **Microsoft Azure** machine learning to detect images

Jenga Block Setter – *1A Mechatronic Project, 2018*
Oct 2018 – November 2018

- Designed, built a robot that moves, orientates and precisely places blocks using an EV3 robot kit
- Programed a system that moved and orientated Jenga blocks in 3D space using **C++**