

# Carrie Lu

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## SUMMARY OF QUALIFICATIONS

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**Languages:** Java, Python, Javascript, HTML/CSS, PHP

**Technologies:** Vue.js, Node.js, SQL, GCP, AWS, Microsoft Azure, Katalon Studio

**Design:** Adobe Illustrator, Adobe Lightroom, Adobe Photoshop, Adobe XD, Figma

**Applications:** Excel, Powerpoint, Access

## WORK EXPERIENCE

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**Ontario Ministry of Natural Resources and Forestry** – Toronto, ON, Canada

**May 2021 – September 2021**

*IT Systems Assistant, Quality Assurance & Quality Control*

- Created and maintained high-quality, production-level script for product requirements using Groovy, Java, and Katalon Studio for Modernization of Property Information (MPI) search tool
- Implemented and managed an extensional automation test framework of Agrisuite application for Phosphorus Loss (PLATO) Calculator
- Prepared and presented monthly demos on UAT automation testing to the directors and senior managers of Land & Resources Cluster (LRC)

**The Diabetes App** – Toronto, ON, Canada

**May 2021 – September 2021**

*Front-End Developer and UI/UX Designer*

- Designed and developed Version 2.0 of the web and mobile application using React, Vue.js, and Figma reaching a user base of over 12,000 users
- Site mapped and developed corporate site to gain investor relations in preparation for IPO using Wordpress and GSAP3
- Led desktop advertising project with CTO in partnership with Healthy Ads using Kevel API, Xandr API, and AWS

## LEADERSHIP EXPERIENCE

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**Women in Technology Society** – London, ON, Canada

**September 2020 – Present**

*Director of Finance*

- Published [article](#), “Tapping from 6 Feet Apart: The Evolution and Rise of the Mobile Wallet Following the COVID-19 Pandemic” analyzing the impacts of COVID-19 on the business transactions of the world
- Plans bi-monthly FinTech workshops on Blockchain, cryptocurrency, and company reviews leading to 100% more member engagement
- Increased SheHacks budget by \$3000 by reviewing past budget plans and re-evaluating projected expenses

**Western Investment Club** – London, ON, Canada

**September 2020 – Present**

*Natural Resources Researcher, Industrials Researcher*

- Researched and analyzed Otis Worldwide for the Industrial Company of the Week stock pitch and mock portfolio of the Industrials Group
- Presented a stock pitch on Enviva Partners LP to over 110 members at the WIC GA meeting
- Coded a script that collects share data from past 13F filings and assesses the largest quarterly institutional transactions from company's major investors to evaluate the shift towards renewable investing

## PROJECTS

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**[Safe Escape](#) – Pearl Hacks 2021**

**February 2021**

*HTML, CSS, Javascript, Bootstrap, echoAR, Spotify API*

- Won Amazon: Most Customer Obsessed Hack Sponsor Prize
- Built a virtual travel platform using HTML and CSS that allows users to visit cities around the world and brings the cultural craft works of each unique city to the comfort of their homes
- Used echoAR to generate Augmented Reality (AR) 3D models of landmarks unique to each country

**[Waltham Rotary Club](#) – DeisHacks 2021**

**March 2021**

*HTML, CSS, Javascript, Bootstrap, Square API, Formsfree API, GoogleMaps API*

- Won Wolfram One Award: Top 3 API and Tech Hacks Prize
- Designed an Eventbrite-styled collection of upcoming events page to increase membership engagement
- Integrated Formsfree API to streamlined communication between Waltham Rotary Club and their members through an online feedback form
- Added a virtual food and clothing drive feature using Square API to provide humanitarian aid even during the COVID-19 pandemic

## EDUCATION

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**Western University** – London, ON, Canada

**September 2020 – April 2024**

*Bachelor of Science with an honours specialization in Computer Science with Advanced Entry Opportunity (AEO) to the Richard Ivey School of Business.*

- **Academics:** 3.9/4.0 cumulative GPA