

CONTACTS

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LANGUAGES & TOOLS

| | |
|------------------|-------------------|
| Java | PyGame |
| Python | JavaFX |
| C++ | Appium |
| HTML | Selenium |
| CSS | Salesforce |
| JavaScript | Git |
| Google Cloud API | Agile Methodology |

EDUCATION

Computer Engineering

University of Waterloo
2024 Candidate for B.ASc

Relevant Courses

Algorithms and Data Structures
Digital Computers

INTERESTS

Programming
Horror Movies
Painting
Video Games
Cooking
Longboarding
Guitar/Ukulele
Piano

ACHIEVEMENTS

-  University of Waterloo
President's Scholarship (2019)
-  WLMAC Programming
Gala, 2nd Place (2018)
-  DECA Internationals, 7th
Place (2017, 2018)

ROSE LIN

Computer Engineering | University of Waterloo

WORK EXPERIENCE

QA Analyst

Newtopia Inc. | May 2020 - Aug 2020

- Developed new mobile and web **automation frameworks** using **Selenium, Appium**, and **Java** for crucial company platforms such as the registration portal and mobile app
- Created test scripts for **Salesforce** elements and APIs to increase the reliability and accuracy of company products by **95%**
- Reduced functional, regression, and integration testing times by **90%** through test automation
- Led manual testing for a new internal platform that allowed company employees to organize meetings and access client data

PROJECTS

Pinpoint

Python, PyGame, Google Cloud Vision API

- Constructed an educational application that helps users identify various objects from photos
- Implemented with Python and Google Cloud Vision API with a Pygame based GUI

Personal Website

HTML, CSS, JavaScript

- Created a personal website showcasing skills, interests, and projects
- Used HTML and CSS to create layout of the website with additional animations written in JavaScript

Doodle

Java, JavaFX, Sockets

- Developed a peer-to-peer multiplayer game using client-server networking and sockets
- Employed JavaFX to create a GUI that featured a drawing pad, word bank, and a communication platform

SuperShooter

Python, PyGame

- Developed a 2D-platform shooter/combat game in Python
- Utilized Pygame to create a dynamic, user friendly GUI that supported mouse/keyboard inputs and game animations

EXTRACURRICULARS

Don Mills Model United Nations | President

September 2016 - June 2019

- Handled all logistical elements--such as participant registration and committee training/organization for annual flagship Don Mills Model United Nations conference