

CONTACTS

-  github.com/rseln
-  rose.lin@uwaterloo.ca
-  rseln.github.io
-  linkedin.com/in/rseln

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