

# Anderson (Dong Sheng) Luan

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## Education

**Ryerson University, Toronto, ON**  
**B.Sc (Honours), Computer Science Co-op**

- Graduation June 2022
- CGPA 3.41

## Technical Skills

### Languages

Java, Python, Bash Shell Scripting, SQL, Ruby, HTML5, CSS3, JavaScript

### Operating Systems

Windows, Linux

### Others

Oracle DB, Git, SDLC Methodologies, Database Modelling, OOP, XML Parsing, RegEx

## Hackathons

### DeltaHacks VI

Jan 2020

- Worked as a team of 4 to design and build a web application using React and Material UI to locate bubble tea stores based on geolocation
- The application provides the user a menu of the store and the ability to purchase from the app
- Used Google Maps API for the location information
- Used Google Firebase to store user data

### Ecohacks Hackathon

Feb 2018

- Worked as a team of 4 to design and build a website to list the pollution levels in cities
- Used Google Maps API for the location information
- Used Airvisual API to retrieve data about the air quality in each city

## Work Experience

### Software Engineer Intern at Rapid7

May 2020 - Aug 2021

- Creating scripts to automate the process of generating documents in order to check for possible vulnerabilities
- Notable Contributions: Microsoft Windows Defender, MacOS 10.15, Cisco IOS
- Maintaining existing automation scripts and fixing defects when they arise
- Creating and performing tests on new code to make sure that no issues occur
- Quickly and independently learned to use various operating systems and products in order to perform vulnerability tests

## Projects

### Creating a Database for Online Ticket System

Sep 2019 - Dec 2019

- Worked as a team of 3 to learn how to use SQL and Oracle to develop and maintain a database system for an online ticket purchasing system
- Normalized the database into 3NF/BCNF in order to reduce redundancies, reduce inconsistencies, simplify the database, and to make the database more efficient
- Created a user interface website using html and php for our database

### Django and Semantic UI Demo Website

Nov 2018 - Dec 2018

- Lead a team of 4 to learn how to use Django and Semantic UI
- Created a multipage website using Semantic UI and Django to demo and teach the user how to install and use these frameworks
- Assigned roles to members and performed routine checks on progress to prioritize tasks