

# Anderson Luan

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## Education

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

- Expected Graduation 2022
- CGPA 3.2

## Areas of Interest

- Software Development
- Web Development
- Android/iOS Development

## Technical Skills

### Languages

Java, Python, HTML5, CSS3, JavaScript,  
Bash Shell Scripting, C, SQL, Prolog, PHP

### Operating Systems

Windows, Linux

### Frameworks

Bootstrap, Django, Semantic UI, React

### Others

Microsoft Office Suite, Visual Studio,  
Oracle DB, Git, SDLC Methodologies,  
Database Modelling

## Hackathons

### Ecohacks Hackathon

Feb 2018

- Worked in a group 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 for the data about the air quality in each city

## 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 form to reduce data redundancy, simplify the database, and provide lossless join type dependency preservation
- Created a simple website using html and php to display a visual representation of our database.

### Creating a Phone Comparator

Jan 2019 - Apr 2019

- Worked as a team of 3 and went through the software development life cycle using the agile development method to design a phone comparator application that compares the different specifications of selected phones.
- Switched between the roles of scrum master, product owner and team member.

### 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 show the user how to use these frameworks
- Increased efficiency by conducting sprints to delegate tasks, stay organized, and to finish on time

### Snake

Jun 2016 - Jul 2016

- Created a 2-player Snake game using Python
- Implemented Pygames and custom Sprites to make this game

## Work Experience

### Roofing at Crown Roofing

May - July 2018, May - August 2019

- Coordinated with coworkers on how to quickly and efficiently transport materials and complete tasks
- Taught new employees how to perform their roles, from this I learned how to properly relay instructions to new employees so that it is easier for them to carry out with little to no confusion
- Communicated verbally with home owners to make sure that their needs were met.