

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, SQL, Prolog, PHP

Operating Systems

Windows, Linux

Frameworks

Django, Semantic UI, React

Others

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

Hackathons

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 for the data about the air quality in each city

DeltaHacks VI

Jan 2020

- Worked as a team of 4 to design and build a web application using React 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, Google Firebase, and Material UI

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 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
- Used JUnit to perform unit testing

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

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