

# Lucas Nogueira

Computer Engineering, University Of Waterloo

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## \* SKILLS

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**Languages** — Python, JavaScript, C++, Java, HTML, CSS, Bash

**Tech** — React, React Native, Flask, Node, AWS, Git, SVN, Visual Studio, Eclipse, SQL Developer

## 📁 EXPERIENCE

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**Web Developer — AGF.com**

Fall 2019 - Present

As an intern at AGF I am responsible for:

- Development of integrated (**CMS/AJAX/J2EE**) applications.
- Creation of **Java Servlets** for systematic migration of data between front to back end.
- Development of dynamic web pages using **JSPs, HTML, CSS, JavaScript, jQuery**.

**CS138 TA — University Of Waterloo, Cheriton School of Computer Science**

Winter 2019

- Developed **Bash and Python** scripts in addition to designing test cases to run on the UW testing server, a platform used to automate grading for programming assignments.
- Conducted tutorials, review sessions and office hours to teach contents such as **Data Structures and OOP** in the **C++** dialect for **Software Engineering** students with over **90%** student satisfaction.
- Maintained and developed course **SSH server** and **website**, respectively.

## 🎓 EDUCATION

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**University of Waterloo, Canada**

Fall 2018 - Present

Computer Engineering, Honours, Co-operative Program

**University of Rio de Janeiro (UFRJ), Brazil**

Winter 2018 - Fall 2018

Bachelor of Engineering, Electrical.

## 🔧 PROJECTS

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**Senses - Hack the North 2019** 📱

*React Native, Flask, Google Cloud APIs*

- Developed a mobile app that lets you take a photo and get an instant audio response of what the photo represents in the language of your choice.
- Created server and front end connection to allow transfer of audio and image data to Google APIs.
- Delivered the app with all its functionalities in under **24 hours** together with a new partner.

**Planet Jobs** 📱

*MySQL, Node, Scikit Learn, React Native, Expo*

- Created, along with my partner, an iOS/Android app for job posting focused on students, such as entry and volunteering positions.
- Implemented the frontend using **React Native** as well as the connections to the **Nodejs** backend endpoints to retrieve any **JSON** data.
- Developed micro-services for notification and recommendation system.

**HTML Detective** 📱

*React Native, Flask, SQLite3, Expo, Matplotlib*

Compiled all the first year projects done by CS student's in my previous university:

Created a user based app that **scrapes websites** and evaluates its content displaying a **graphical** result of what it's about, enabling to save the output to the database and allowing users to share their results and different formats, such as .png and .xls, via email.