

# CARLOS MARCIANO

@ carlos.marciano@mail.utoronto.ca

+1 647 676 9041

Downtown Toronto, Canada

in <https://www.linkedin.com/in/carlos-marciano/>



## WORK EXPERIENCE

### Teaching Assistant – Web Development

#### University of Toronto

Sept 2021 – Apr 2022

Toronto, Canada

- Full-stack web development using React, Node.js, and MongoDB
- Managed and graded 8 teams of brilliant students per term
- Delivered tutorials and hosted virtual office hours

### Software Developer

#### Canadian Solar Inc.

July 2019 – July 2020

São Paulo, Brazil

- Part of a remote team hired to develop and maintain a large-scale mobile application (iOS/Android)
- Product and strategy discussions with PM, designers, and other stakeholders
- Front-end development using Ionic (for mobile app) and React (for a management web interface)
- Back-end development using Node.js and REST APIs
- Database modeling and management with MySQL
- Version management using Github

## INTERNSHIP

### Machine Learning Intern

#### INRIA Sophia Antipolis – Méditerranée

Sep 2019 – Dec 2019

Nice, France

- Relocated to France to implement and evaluate an LSTM-based model using TensorFlow and Keras
- Collected and analyzed datasets using Pandas and Matplotlib
- Achieved state-of-the-art performance in comparison to other models in the literature

## EDUCATION

### M.Sc. in Computer Science

#### University of Toronto

2020 – 2022

Final grade: A+ in all grad-level courses

### B.Eng. in Information and Computer Engineering

#### Federal University of Rio de Janeiro

2014 – 2019

Final grade: 8.8/10 (*cum laude*)

## ACHIEVEMENTS



### Best Student Paper

INOC 2019 – 9th International Network Optimization Conference



### Highest GPA (B.Eng.)

Honors received during convocation (Comp. and Inf. Eng., UFRJ)

## TECH SKILLS

### Languages

JavaScript HTML / CSS Python  
C++ SQL LaTeX Assembly

### Frameworks & Tools

React Node.js Express Tailwind  
Redux MongoDB MySQL Ionic  
Android Studio WebSockets  
TensorFlow Keras Electron.js  
AWS Github

## LANGUAGES

English

● ● ● ● ●

Portuguese

● ● ● ● ●

French

● ● ● ● ●

## SOFT SKILLS

- Communicate before acting
- Think critically and find optimal solutions given the context, and not just the theory
- Deliver talks and presentations concisely, and answer resulting questions effectively
- Know that positivity goes a long way
- Realize that each person is living a life as vivid and complex as my own