

Employment

Software Engineer	NetEnt	January 2020 – Present
--------------------------	---------------	-------------------------------

- Built a number of microservices for games deployed around the world and scaled up to process hundreds of thousands of game rounds every minute;
- Helped on the migration from a legacy on-prem application to a **microservice architecture** using the **Google Cloud Platform**;

Software Development Engineer	Amazon	January 2017 – December 2019
--------------------------------------	---------------	-------------------------------------

- Part of **Amazon's International Technology** organization where I helped develop new features and extensions for Amazon's website in **multiple marketplaces** and its fulfillment center services;
- Worked at the design, implementation and testing of **highly scalable solutions** using the **AWS** cloud platform.
- Started out as an intern and moved to a full time position on **May 2018**.

Software Developer	Evolution IT	August 2015 – April 2016
---------------------------	---------------------	---------------------------------

- Worked with Objective-C to build native iOS applications, and Javascript on hybrid solutions.
- Implemented **trading algorithms** for a barter application, based on the **Black-Scholes model**.

Research Intern	The University of Sydney	December 2014 – February 2015
------------------------	---------------------------------	--------------------------------------

- Developed a native Android Application that would **track** animals on a **live video feed** for a Korean government-funded research institution (ETRI);

Education

B. Sc. Computer Science	Mackenzie University	July 2013 – July 2018
--------------------------------	-----------------------------	------------------------------

Science Without Borders	The University of Sydney	July 2014 – July 2015
--------------------------------	---------------------------------	------------------------------

Additional Experience and Awards

- Exposed **one of the largest security breaches** in Brazil's public transportation system which allowed users to ride the subway and buses for free simply by using a smartphone, and was reported in several major newspapers;
- Collectively, my apps on Google Play have been downloaded by **over 300,000 users** across the globe;
- Awarded a **scholarship in a nationwide program** to study at the University of Sydney in an exchange program (Science Without Borders);
- Worked as a **volunteer** helping international students get settled in Australia.

Personal Projects

- **Football Probability** Built a web scraper that collected over 100 years worth of Brazilian soccer data and a software that can calculate the expected outcome of a given match or league. Java
- **NFC Activity Monitor** Android module that intercepted NFC calls in runtime to log its communications, based on the Xposed Framework. Java, Android Framework
- **Comic Maker** An Android application to create your own comics with dozens of characters which peaked as the **9th most downloaded app** in its category in Brazil. Java, Android