

ANDRES GARCIA RODRIGUEZ

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in agarcia

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EXPERIENCE

Developer

RBC

📅 May 2019 – Aug 2019

📍 Toronto, ON

- Designed patterns such as Static Website and Burst with a cloud agnostic model with a focus on **AWS** and hybrid models
- Created and implemented patterns to work on an internal **Jira Service Desk** to trigger lambda API calls when the clients submit a ticket
- Developed documentation and models for the migration of logs
- Led security meetings to implement new protocols for cloud patterns
- Wrote **Groovy** scripts to trigger the internal JSD transitions and flows

Engineering Intern

Borrowell

📅 Sep 2018 – Dec 2018

📍 Toronto, ON

- Worked with various **Angular** charting libraries to showcase a new graphical representation of user credit scores
- Integrated Angular Material with **HTML** and **SCSS** to re-design the tracking bar for user credit scores
- Led review meetings with leads to discuss visual development and its associated timelines

iOS Developer

Chalk

📅 Apr 2017 – July 2017

📍 Waterloo, ON

- Used ZenDesk APIs to transfer information to the customer service representative in both **Android** and **iOS** apps
- Translated **Objective-C** legacy code into **Swift** code to optimize code base and improve readability

PROJECTS

Rose Dispatcher | July 2020

- Created a driver dispatcher platform using **React Hooks** using different Calendar libraries.

Dogstagram | March 2018

- Adopted the **Model View Controller** strategy to implement a sketching canvas in **Java** which supports animations, dynamic layout, 2D graphics and widget libraries

Watan | December 2015

- Developed a **X11** graphics based Catan, integrating the observer pattern with **C++** to notify settlers of state changes

SKILLS

Languages

C++ C Python Swift JavaScript
SQL Groovy Scheme Java Typescript
HTML5 SCSS

Tools and Frameworks

Node.js React React Native Angular 7
Android Studio Hadoop Git NPM
Jira Scrum Bash Jira Service Desk
MongoDB

LEADERSHIP

Executive Director

UW Math Endowment Fund

📅 Sep 2019 – Apr 2020

- Developed legal documents such as awards, Memorandums of Understanding, scholarships, and policies
- Distributed over \$600,000 between initiatives that benefit mathematics students
- Managed an 8 million dollar investment portfolio

Co-Chair & Co-Founder

UW Equithon

📅 Aug 2017 – Apr 2019

- Raised over \$75,000 by leveraging corporate sponsors
- Spearheaded development of sponsorship packages, strategies, budgets, and faculty relations
- Worked closely with a tight-knit team of 10 people to bring over 400 hackers from all over the world to the University of Waterloo

EDUCATION

Bachelor of Computer Science

University of Waterloo

📅 Sep 2012 - Apr 2020

- International Studies Minor, Legal Studies Minor
- J. Alan George Student Leadership Award (Awarded to a graduating student based on community involvement and impact)