

Ronan Almeida

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Experience —

[Two Rings Media](#) · **Software Engineering Intern** · May 2020 - Aug 2020

- Developed a data analytics SaaS **Django web application** that serves financial analysts interactive data insights & asset reports
- Utilized existing pipelines to retrieve data from **Azure**, preprocess and clean data frames in **Python**; then create data visualizations in **JavaScript**
- Redesigned web-app's UI/UX to be **cross-platform responsive** using bootstrap and optimized network requests which resulted in reduced feature load times by **40%**

[QMIND \(Queen's AI Hub\)](#) · **Software Developer** · Sept 2019 - Apr 2020

- Worked in a design team of five other computer science & engineering students to develop a **data-driven** web application for a business client
- Built multiple **data exploration & visual graphing** features from client datasets utilizing Python and the D3.js library for JavaScript
- Presented the application at the Canadian Undergraduate Conference of AI to **100+** industry professionals and secured group funding exceeding **\$10,000**

Leadership —

[inQubate](#) · **AI Startup Incubator** · Sept 2020 - Present

- Currently participating in the 2020 inQubate cohort to develop a Startup with a focus on **personal finance** and long term investing
- Leading the development of the mobile and desktop application by planning the technical workflow and delegating tasks to developers which align with our product vision

[DPCDSB School Board](#) · **Robotics Instructor** · Feb 2019 - Mar 2019

- Supervised the use of EV3 Mindstorm Robotic kits to **30+** elementary students and five different schools
- Taught students basic **programming fundamentals** and troubleshooting problems in teams

Projects —

[Javascript](#) · [React.js](#) · **Spotify Higher or Lower** · [View Demo](#) · Sept 2020

- Currently developing a full-stack **React.js** web application that uses the **Spotify Web API** to compare two different artists, albums, or songs
- The application makes a **backend API request** to the Spotify server which retrieves profile information, images, and statistics to be processed and be displayed within the app

[C#](#) · [Windows Application](#) · **Student Admin System** · Dec 2019

- Created a student **database manager** that allows teachers to modify, add and delete student data information within a classroom
- The windows application is connected through an **Access Database** which utilizes varying **SQL** queries to alter student information

Education —

Queen's University,

Sept 2019 - Apr 2023

Bachelor of Computing

Computer Science -

- Dean's Honours List
- Excellence Scholarship
- **Cumulative GPA: 4.0/4.3**

Languages —

Python · Java · JavaScript ·

C# · SQL · HTML · CSS

Technologies —

Git · Microsoft Azure ·

Linux · Django · Pandas ·

Node.js · React.js · JQuery ·

JavaFX · JUnit Testing

Tools —

Tensorflow · Google Colab ·

Figma · Adobe Photoshop ·

MS Office · Google Suite

Relevant Coursework —

System Level Programming

CS Fundamentals (Python)

Object-Oriented (Java)

Data Structures

Data Analytics

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