

Ronan Almeida

Passionate about combining impactful software and algorithmic thinking to deliver effective user solutions

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**
- Resdesigned 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 with 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 **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** · Aug 2020 - Present

- Currently participating in the 2020 inQUbate cohort along with five other engineering and commerce student entrepreneurs to bring an **AI solution** to reality in the **Business-to-business** and **Business-to-consumer SaaS space**

Specialist High Skills Major · **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 **fundamental programming structures** and troubleshooting problems in teams

Projects—

Javascript · **React.js** · **Spotify Higher or Lower** · **View Link** · Sept 2020

- Currently developing a full-stack **React.js** web application that uses the core react components along with 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 data

Education —

Queen's University,

Sept 2019 - Apr 2023

**Bachelor of Computing
Computer Science -**

- 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—

CS Fundamentals (Python)
Object Oriented (Java)
System Level Programming
Discrete Mathematics I & II
Applied Linear Algebra
Data Analytics
Calculus I & II

Contact Me—

Website · ronan.tech

Linkedin · RonanAlmeida

Github · RonanAlmeida

Phone · (647) 550-2059
ronan.almeida@queensu.ca