

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 databases 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 which resulted in reduced feature load times by **40%**
- Effectively communicated with stakeholders, program managers, and engineers to meet functional and technical project requirements

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 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** · **Shop App** · Aug 2020

- Built a mobile **React.js** web application uses the core **react components** to display product listings & individual product pages to the user
- Application makes a backend **API request** to a server that retrieves asset data to be processed by the program

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

Honors Bachelors in

Computer Science -

- Excellence Scholarship
- **Cumulative GPA: 4.0/4.3**

Languages —

Python · C# · JavaScript ·

Java · 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

Applied Linear Algebra

Discrete Mathematics & II

Computer Architecture

Data Analytics

Calculus I & II

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