

# Ronan Almeida

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

## Experience—

**Two Rings Media** · **Software Engineering Intern** · May 2020 - Present

- Currently building a highly-scalable [Django application](#) with Python & Javascript that serves financial analysts interactive data insights & ML reports

**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 Django web application for banking clients.
- 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 of \$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 [B2B](#) and [B2C SaaS space](#)

**Specialist High Skills Major** · **Robotics Instructor** · Feb 2019 - Apr 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—

**React** · **Node** · **Movie Recommender** · Aug 2020

- Building a full stack [React.js](#) application that allows the client to add, rate, and store movies in a [SQL](#) database.
- Implemented a recommendation algorithm based on user collected data behaviors

**Java** · **JavaFX** · **Pizza Ordering System** · Apr 2020

- Created a [JavaFX](#) User Interface that allows users to order a pizza given an option of toppings, calculate the price and save the order.
- Followed [Object-Oriented Programming](#) (OOP) principles & structure.

**C#** · **Windows Application** · **Image Processing** · Mar 2019

- Built a C# Windows application with the ability to modify images based on varying user selections.
- Designed a user-friendly GUI with the ability to save processed images.

## Education —

**Queen's University,**

Sept 2019 - Apr 2023

**Honours Bachelors in Computer Science -**

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

## Languages —

Python · C# · JavaScript · Java · SQL · HTML · CSS

## Technologies —

Git · Microsoft Azure · 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  
Data Analytics  
Calculus I & II

## Contact Me—

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