

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 - 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—

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

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 · 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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