https://ronan.tech
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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
• 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 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—

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