https://ronan.tech
ronan.almeida@queensu.ca

Ronan Almeida

Passionate about combing 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
• Resdesgined 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 **$10,00**

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 moblie 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 Acess 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

Contact Me—

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