

Ronan Almeida

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Education

Queen's University

Bachelors of Computing (Honours) in **Computer Science**

Kingston, ON

Sept 2019 - Apr 2023

- Queen's Excellence Scholarship, Deans Honours List, Cumulative **GPA: 4.1/4.3**
- Relevant Coursework: Data Structures, Object Oriented Programming, System Level Programming (Bash, C), Data Analytics

Experience

LinkedIn

UI Engineer Intern

San Francisco, CA (Remote)

Jun 2021 - Aug 2021

- Summer 2021 intern in the Enterprise Jobs Experience team.

Two Rings Media

Software Engineer Intern

Toronto, ON (Remote)

May 2020 - Apr 2021

- Developed a data analytics **Django web application** that serves financial analysts interactive data insights and asset reports.
- Utilized existing pipelines to retrieve **100,000+ records** from **Azure**, preprocess and clean data frames in **Python**, then create data visualizations in **JavaScript**.
- Designed 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 Club)

Software Developer

Kingston, ON

Oct 2019 - Apr 2020

- Worked in a design team of five other student developers to build a data dashboard web application for a business client.
- Built multiple data exploration & visual graphing features from client datasets utilizing **Python** and the **D3.js** library for JavaScript.
- Presented the application at the Canadian Undergraduate Conference of AI to **100+** industry professionals and secured group funding exceeding **\$10,000**.

Projects

Reddit Stock App

Python · JavaScript · Flask · React.js

[View Project](#)

- Created a Web app that uses the **Reddit API** to scrape stock related subreddits and classifies submissions in order to generate an organized report for the top stocks.
- Implemented by using backend Python **Flask** API end points that serves the processed data to the client-side **React.js** front-end.

Spotify Higher or Lower

JavaScript · Node.js · React.js

[View Project](#)

- Developed a full-stack web application that uses the **Spotify Web API** to compare two different albums, artists or songs using React and Node.js.
- 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.

Shopping Site

JavaScript · React.js · Tailwind CSS

[View Project](#)

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

Student Admin System

C# · Windows Forms

[View Project](#)

- Created a student database manager that allows teachers to modify, add and delete student information within a classroom.
- The windows application is connected through an Access Database which utilizes varying **SQL queries** to alter student information.

Skills

Languages: Python, JavaScript, Java, C, C#, SQL, HTML, CSS
Frameworks: Git, React.js, Node.js, Express.js, Ember.js, Django, Flask, JQuery, REST API, JavaFX, JUnit Testing
Tools: Firebase, Azure, UNIX/Linux, Git, Google Colab, Figma, Photoshop