

Ronan Almeida

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Education

Queen's University

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

Kingston, ON

Sept 2019 - May 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

Jun 2021 - Aug 2021

- Led the frontend implementation of a new job action feature on LinkedIn's New Recruiter & Jobs product.
- Built reusable components using **Ember.js**, added tracking events, integration with backend API and ensured test coverage by writing unit, acceptance & integration tests.
- Contributed to the Remote Jobs initiative and resolved issues involving web accessibility & eliminating render blocking.

Two Rings Media

Software Engineer Intern

Toronto, ON

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**.
- Optimized network requests which resulted in reduced feature load times by **40%** and implemented the web-app's frontend to be cross-platform responsive.

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 CUCAI to **100+** industry professionals and secured group funding exceeding **\$10,000**.

Projects

Course Central

JavaScript · React.js · Next.js · Node.js · MongoDB

[View Project](#)

- Created a platform coursecentral.ca that helps students in course selections, used by **2,500+** students and **17,500+** page views.
- Built component features for historical grade distributions, GPA charts, course table, reviews and enrollment information that supports over **900+** courses and pages.
- Made the website cross platform responsive available to be installed on mobile as a progressive web app and be downloaded on Android through the Google Play Store; deployed the platform with **Vercel**.

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 creating 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.

Skills

Languages: JavaScript, Python, Java, TypeScript, HTML, CSS, SQL, C#
Frameworks: React.js, Node.js, Express.js, Ember.js, Django, Flask, Vue.js, JQuery
Tools: Git, Firebase, MongoDB, Azure, UNIX/Linux, Google Colab, Figma