

Ronan Almeida

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Education

Queen's University

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

Kingston, ON

2019 - 2023

- Queen's Excellence Scholarship, Deans Honours List, Cumulative **GPA: 4.0**
- 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

- Incoming intern at LinkedIn for the summer term.

Two Rings Media

Software Engineer Intern

Toronto, ON

May. 2020 - Apr. 2021

- Developed a data analytics SaaS **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

Sept. 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**.

Skills

Languages: Python, JavaScript, Java, C#, SQL, HTML, CSS

Technologies: Git, Node.js, React.js, Express.js, Django, Flask, Azure, Firebase, REST API, JQuery, JavaFX, JUnit Testing

Projects

Reddit Stock App 📄

[View Project](#)

Python · Flask · React.js

- 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 📄

[View Project](#)

Node.js · React.js

- 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.

Student Admin System 📄

[View Project](#)

C# · Windows Forms

- 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.

Leadership

SHSM - Father Michael Goetz

Toronto, ON

Robotics Instructor

Feb. 2019 - Mar. 2019

- Part of an initiative to bring more students into technology by educating the use of EV3 Mindstorm Robotic Kits to **30+** elementary students and five different schools.
- Taught students basic programming fundamentals, debugging techniques and team building exercises.