Ronan Almeida

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Education

Queen's University *Kingston, ON*
HONOURS BACHELORS IN **COMPUTER SCIENCE** *Sep. 2019 - Apr. 2023*
- Queen's Excellence Scholarship, Deans Honours List, Cumulative **GPA: 4.0/4.3**
- Relevant Coursework: CS Fundamentals, Object Oriented Programming, System Level Programming (Bash, C), Data Analytics

Skills

Languages	Python · Java · JavaScript · C# · SQL · HTML/CSS
Technologies	Git · Microsoft Azure · Linux · Django · Pandas · Node.js · React.js · Express.js JQuery · JavaFX · JUnit Testing
Tools	Tensorflow · Google Colab · Firebase · Figma · Adobe Photoshop · MS Office · Google Suite

Experience

Software Engineering Intern *Toronto, ON*
TWO RINGS MEDIA *May. 2020 - Aug. 2020*
- 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**.
- 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%**.

Software Developer *Kingston, ON*
QMIND (QUEEN'S AI HUB) *Sept. 2019 - Apr. 2020*
- Worked in a design team of five other student developers to build a data-driven 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**.

Leadership

Co-Founder & Head of Technology *Remote*
SWYM (STARTUP VENTURE) *Sep. 2020 - Present*
- Currently participating in the 2020 inQUbate cohort to develop a financial technology startup with a focus on understanding **personal finances** and **consumer transactions**.
- Leading the development of the mobile and desktop application by planning the technical workflow using the **MERN Stack** (MongoDB, Express, React, Node) and delegating tasks to developers that align with our product vision.

Robotics Instructor *Toronto, ON*
DPCDSB SCHOOL BOARD *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.

Projects

Spotify Higher or Lower *View Project*
JAVASCRIPT · REACT.JS
- Developing a full-stack **React.js** web application that uses the **Spotify Web API** to compare two different albums, artists 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.

Student Admin System *View Project*
C# · WINDOWS FORM
- 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 **SQL** queries to alter student information.