Ronan Almeida

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Education

Queen's University   *Sep. 2019 - Apr. 2023*
Bachelors of Computing (Honours) in **Computer Science**   *Kingston, ON*
- Queen's Excellence Scholarship, Deans Honours List, Cumulative **GPA: 4.0/4.3**
- Relevant Coursework: Data Structures, Object Oriented Programming, System Level Programming (Bash, C) , Data Analytics

Skills

Languages	Python, Java, JavaScript, C#, C, SQL, HTML/CSS
Technologies	Git, Node.js, React.js, Express.js, Django, Azure, Firebase, REST API, JQuery, JavaFX, JUnit Testing
Tools	Figma, Google Colab, Adobe Photoshop, Notion

Experience

Software Engineer Intern   *May. 2020 - Aug. 2020*
Two Rings Media   *Toronto, ON*
- 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   *Sept. 2019 - Apr. 2020*
QMIND (Queen's AI Hub)   *Kingston, ON*
- 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   *Sep. 2020 - Present*
SWYM (Startup Venture)   *Remote*
- 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   *Feb. 2019 - Mar. 2019*
DPCDSB School Board   *Toronto, ON*
- 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   ⓸ *View Project*
Node.js · React.js
- Developing a full-stack web application that uses the **Spotify Web API** to compare two different albums, artists or songs using React.js 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   ⓸ *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 varying **SQL** queries to alter student information within the system.