

Hrithik Shah

SOFTWARE ENGINEER

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Education

University of Ottawa

BASC IN SOFTWARE ENGINEERING (CO-OP) - 3.3 GPA

Ottawa, Ontario

Sep. 2018 - PRESENT

- Courses in: Data Structures & Algorithms, Object-Oriented Programming, Discrete Mathematics, Linear Algebra

Skills

Programming

Python, Java, C#, JavaScript, Ruby

Analytics

Spark, RedShift, Scala, SQL, Periscope Data, Databricks

Back-end

Ruby on Rails, WebSockets, REST API, CRUD, ORM

Front-end

React, HTML, CSS, SEO

Experience

Uken Games

DATA ANALYST INTERN

Toronto, Ontario

May 2019 - Aug. 2019

- Developed a tool that forecasts the average lifetime value of a player based on retention to help maximize return on ad spend
- Built and deployed using Docker, an autonomous system which manages \$15000 of Facebook ad campaigns
- Created interactive data visualization using Periscope Data and Python packages such as numpy, pandas, and plotly
- Built key dashboards for FTUE, retention, conversion rate and revenue for soft launch of new games
- Gained experience with Apache Spark, Amazon RedShift & EC2, Databricks, Jupyter Notebooks

Astral Solutions

SOFTWARE DEVELOPER INTERN

Mississauga, Ontario

Jul. 2018 - Aug. 2018

- Reduced Microsoft SQL Server data analysis times from 20 hours to 20 minutes
- Created store procedures to pivot data tables using Dynamic SQL
- Developed an algorithm to consolidate client costs into a structured table required for automated expenditure calculations

Extra Curricular

TurnerHacks

HEAD OF SPONSORSHIP

Brampton, Ontario

Nov. 2017 - Jun. 2018

- Brought in over 10 tech. companies as corporate sponsors for the event in order to fund costs for food, workshops and participants' fees
- Raised over \$5000 dollars in product sponsorship and over \$1000 in monetary sponsorship
- Collaborated with Major League Hacking to ensure a successful hackathon

SHAD - John Dobson Entrepreneurship Cup

PARTICIPANT

Fredericton, New Brunswick

Jul. 2017

- Created a Minimum Viable Product using Proto.io that helps consumers see the carbon emissions created by an article of clothing
- Partnered with new start-ups to promote eco-friendly products
- Presented an elevator pitch to a panel of investors

Side Projects

Funble

RUBY ON RAILS, HTML, CSS, REACT

Ottawa, Ontario

Jan. 2019 - PRESENT

- Currently working alongside and being mentored by CEO of BiteSite, Casey Li
- Gained experience with Ruby on Rails, OOP, WebSockets, SDLC, ORM, and Databases
- In the process of creating a web application that allows users to discuss topics in real time

Invasion of the Shadows

UNITY, C#, JAVASCRIPT

Brampton, Ontario

Nov. 2014 - Aug. 2015

- Created and deployed a 2D RPG Platformer computer game designed to help students learn about ancient civilizations
- Experience using Unity's StateMachine Transitions, Rigidbody, and CharacterController
- View my game here: <https://goo.gl/cMYjaL>