

Hrithik Shah

SOFTWARE ENGINEER | DATA SCIENTIST

✉ hrithikchamp@gmail.com | 🌐 hrithikshah.com | 📺 CoderHahs | 🌐 hrithik-shah

Education

University of Ottawa

Ottawa, Ontario

BASC IN SOFTWARE ENGINEERING (CO-OP)

Sep. 2018 - PRESENT

- Courses in: Data Structures & Algorithms, Intro to Software Engineering, Discrete Mathematics, Linear Algebra

Skills

- Programming** Python, Java, C#, JavaScript, Ruby
- Data Science** SQL, Pandas, Numpy, Scikit-learn, NLTK
- Full Stack** Ruby on Rails, React, Flask, HTML, CSS
- Technologies** Apache Spark, Amazon RedShift & EC2, Databricks, Jupyter

Experience

Royal Bank of Canada

Toronto, Ontario

DATA SCIENTIST INTERN

Jan. 2020 - Present

- Developing a portfolio of applications for machine learning techniques around threat/risk typologies, client segmentation
- Delivering analytic products capable of intelligent automation and improved interactions
- Training and implementing a predictive model to identify launderers using correspondent banking to layer funds
- Using Gaussian Naive-Bayes along with Random Forest to train a classification model for entity resolution

Uken Games

Toronto, Ontario

DATA ANALYST INTERN

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

Side Projects

Clinic on Call

Ottawa, Ontario

ANDROID STUDIO, JAVA, FIREBASE, CIRCLE CI

Sep. 2019 - Dec. 2019

- Created an app that lets patients book appointments with nearby clinics
- Used Firebase for data storage, SHA-256 hashing for private information and CircleCI for automation testing
- View my app here: <https://tiny.cc/clinic-on-call>

Funble

Ottawa, Ontario

RUBY ON RAILS, HTML, CSS, REACT

Jan. 2019 - Aug. 2019

- Created a MVP of a live chat web app that lets users talk about their interests in real-time
- Gained experience with OOP, WebSockets, SDLC, ORM, and Databases

Invasion of the Shadows

Brampton, Ontario

UNITY, C#, JAVASCRIPT

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://tiny.cc/invasion-shadows>

Extra Curricular

Software Engineering Student Association uOttawa

Ottawa, Ontario

EVENTS COORDINATOR AND CONTENT CREATOR

Sept. 2019 - Present

- Creating events that facilitate academic, technical and career support to 500+ computer science and software engineering students
- Check it out here: <http://tiny.cc/uottawa-sesa>

TurnerHacks

Brampton, Ontario

HEAD OF SPONSORSHIP

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