

Hrithik Shah

SOFTWARE ENGINEER | DATA SCIENTIST

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

Education

University of Ottawa

Ottawa, Canada

BASC IN SOFTWARE ENGINEERING (CO-OP), 3.7 GPA

Sep. 2018 - Dec. 2022

- Courses in: Operating Systems, Software Architecture, Analysis and Design of UI, Software Requirements

Skills

Programming Python, Java, C#, C++, JavaScript, TypeScript, Ruby, Scala
Full Stack Angular, Ruby on Rails, React, React Native, Flask, HTML, CSS
Data Science SQL, Pandas, Numpy, Plotly, Scikit-learn, Tensorflow
Technologies AWS (Redshift & EC2), Jupyter Notebooks, DataRobot, Docker

Experience

SecDev Group

Remote

JUNIOR SOFTWARE DEVELOPER INTERN (DATA SCIENCE)

Jan. 2021 - Present

- Expected to work with various clients to help develop analytical dashboards and draw insights on key metrics

Royal Bank of Canada

Toronto, Canada

DATA SCIENTIST INTERN (FINANCIAL CRIME)

Jan. 2020 - Apr. 2020

- Leveraged Word n-gram matrices and Logistic Regression to improve an entity resolution capability to 95% accuracy
- Reduced fuzzy matching processing times to under 30 minutes for millions of client records using MinHash and Locality Sensitive Hashing
- Used Latent Dirichlet Allocation and TF-IDF to flag suspicious activity in payment details
- Presented insights regarding fraud risk to executives on CERB spending during the COVID pandemic

Uken Games

Toronto, Canada

DATA ANALYST INTERN (GROWTH)

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 an autonomous system using Docker that manages \$15,000 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

PokeMart | Github

REACT NATIVE (EXPO), LOTTIE (AIRBNB), NODE.JS

- Created a marketplace app for buying everything Pokemon where users can register, upload images, and message different vendors
- Used LottieView for seamless animations, integrated offline support with image caching, and a RESTful API for CRUD operations

Findify | Github, Website

SPOTIFY API, FLASK

- Implemented a music recommendation system based on previously liked songs
- Used Spotify's song analysis algorithm to generate a score for fuzzy matching

Hrithik's Notes | Github, Website

REACT (GATSBY.JS), MDX, NETLIFY

- Created a Gitbook-type website that stores all notes for various courses and subjects that were found fascinating
- Integrated various features like MDX, Plotly charts and LaTeX, while learning React for the first time

Extra Curricular

Software For Love

Remote

PROJECT MANAGER

April 2020 - Present

- Leading a team of SWEs with Front-end development and Chatbot creation using DialogFlow and Rasa

Software Engineering Student Association uOttawa | Youtube

Ottawa, Canada

CONTENT CREATOR

Sept. 2019 - Present

- Interviewing students, professors, software engineers and CEOs about their experiences in the industry with an outreach of over 1000 viewers