Hrithik **Shah**

SOFTWARE ENGINEER | DATA SCIENTIST

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

Education

University of Ottawa   *Ottawa, Canada*
BASc in Software Engineering (CO-OP)   *Sep. 2018 - Dec. 2022*
- Courses include: Algorithms, Software Architecture, Statistics, Artificial Intelligence

Skills

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

Experience

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 money laundering in payment details
- Applied statistical techniques to investigate client behaviour for industry classification

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 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

Hrithik's Notes   *Toronto, Ontario*
React (Gatsby.JS), MDX, HTML, CSS, Netlify   *Jan. 2019 - Aug. 2019*
- Created a Gitbook-type web app that stores all my notes for various courses and subjects I find fascinating
- Integrated various features like MDX, Ploty charts and LaTex, while learning React for the first time; `http://tiny.cc/hrithiks-notes`

COVID-19 Report   *Toronto, Ontario*
Plotly, Dash, Flask, Heroku   *Mar. 2020 - Apr. 2020*
- Created a web dashboard to monitor the Covid-19 pandemic
- View it here: `http://tiny.cc/covid19report`

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`

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
- Helped create a company that uses software as a service to help charitable organizations

Software Engineering Student Association uOttawa   *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
- Check it out here: `http://tiny.cc/uottawa-sesa`