



Canada · aryanmisra4@gmail.com

Aryan Misra

Employment History

CTO & Co-Founder at BitSwap Inc., San Francisco

March 2021

- BitSwap is a cryptocurrency exchange for BitClout & Ethereum that has facilitated more than \$3 million in transaction volume from 6000+ users.
- Led product development and a team of over 8 engineers to create a front-end using ReactJS, and back-end using NodeJS, Golang, and MongoDB.
- Developed ethereum and bitclout sided payment rails using a dedicated bitclout node for transaction verification and blockchain data firehose.

Software Engineer (ML) at Skintelligent Pte Ltd., Singapore

August 2019 — October 2019

- Built image preprocessing pipeline and multi-task learning convolutional neural net with Tensorflow 2.0 for Chanel's Beauty and Cosmetics Group.
- Deployed image classification model to be used with a recommendation engine for skincare products.

Software Engineer at AscendBuild Inc., Toronto

March 2020 — September 2020

- Developed end to end user flow including payments using ReactJS, Mapbox GL, Stripe, Google Auth, and AWS DynamoDB and Elastic Beanstalk for deployment.
- Designed Property Growth Index using various statistical methods on geospatial data (regression analysis, normalization, variance).

Education

Software Engineering, McMaster University, Hamilton

September 2021 — Present

Currently on gap year/part time study while pursuing other endeavors.

High School Diploma, AY Jackson Secondary School, Toronto

September 2017 — June 2021

Awards

Microsoft Imagine Cup Finalist, Mexico City

February 2020 — March 2021

- Placed top 5 of 28,000 contest in the Microsoft Imagine Cup (NA Finalist)
- Utilized Azure ML Rest APIs to host a Stacked RNN for small molecule generation.
- Used Azure VMs to host MERN web applications serving as front-end for our platform
- Utilized IBM's RXN framework for retrosynthesis pathway prediction.

Links

[Personal Website](#)

[Github](#)

LinkedIn

Devpost

Skills

MongoDB

MySQL

Python

Golang

ReactJS

Web3

NodeJS