ARYAN MISRA

SOFTWARE DEVELOPER

INFO

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DATE OF BIRTH
09/02/09

NATIONALITY
Canadian

LINKS

LinkedIn

Portfolio

Github

Devpost

Medium

SKILLS

Languages: Python, Javascript, Java, ReactJS

Frameworks: Numpy, Scipy, Pandas, Tensorflow, Keras, TF.JS, Matplotlib, Scikit-learn, Flask

PROFILE

16-year old software developer with specialized knowledge in machine learning passionate about using technology to solve interesting problems.

EMPLOYMENT HISTORY

Machine Learning Developer Intern, Skintelligent PTE LTD   Singapore
Aug 2019 — Oct 2019

- Built image preprocessing pipeline and multi-task learning model for Phase 1 deployment using Tensorflow 2.0.
- Deployed multi-task image classification for Chanel Beauty, our initial client, to be used with a recommendation engine for skincare products.

Software Developer Intern, Exomoon AI   Toronto
Dec 2019 — Jan 2020

- Applied multiprocessing using Python to speed up real-estate data collection tool.
- Deployed 3 Python-Django web apps with Docker: Abstractive Text Summarization (NLTK, Python), Medical Connectograph (R, Python), Corpus Extension (NLTK, Python).

EDUCATION

OSSD, A Y Jackson Secondary School   Toronto, Ontario
Sep 2017 — Present

Coursework: Coursera Machine Learning by Stanford, Genomic Data Science & Clustering (Bioinformatics V) by University of California San Diego

PORTFOLIO

Synbiolic | AI Accelerated Drug Discovery
Nov 2019 — Jan 2020

Built variational autoencoders to create high QED SMILES molecules. Used monte-carlo tree search to create a chemical retrosynthesis pathway. See website.

Sidewalk Labs | Alphabet Inc's urban innovation company   Toronto, Canada
Nov 2019 — Dec 2019

Consulted on increasing the affordability of housing by 40%. Suggested to create a sharing economy to generate passive income. See deck.

NeuraScale | SRGAN written in TF2
May 2019 — May 2019

Used TensorFlow 2.0 as the API for creating and training SRGAN. Trained on the MS COCO Dataset. Some very hacky image processing was written. Won #PowereredbyTF2.0 on Devpost.