ARNAV GOEL

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EXPERIENCE

Hypercomply Inc
Full stack and ML Engineer | Vancouver, BC

June 2022 - February 2023

- As a full stack engineer, I facilitate security documentation workflows with knowledge management, public and private sharing, and audit trails improving the UX/UI experience of over 200 organizations.

- Worked as a machine learning researcher in Python and SQL using sentence transformer library to preprocess data, research better models improving the accuracy of the model from about 29% to around 75% within 4 months.

Amazon Services Inc
Software Development Engineer | Vancouver, BC

August 2020 - February 2022

- Developed an automated task routing platform for 20k+ drivers and carriers using Java to mitigate ongoing or reoccurring issues in Amazon Transportation Services (ATS).

- Designed and maintained a platform for provisioning access of 500k+ internal and external ATS users in Amazon North America, Europe, and Asia for securing over 100+ applications.

NXP Semiconductors Inc
Embedded Vision and Deep Learning Intern | Ottawa, Ontario

May 2018 – May 2019

- Created optimized machine learning models in C++ for self-driving cars to reduce power consumption.

PROJECTS/CLUBS

Robotics Association
Computer Vision Lead | Toronto, Ontario

September 2016 – September 2017

- Implemented deep learning algorithm like YOLO net for autonomous humanoid robots to play soccer.

EDUCATION

University of Toronto
*Computer Engineering Student **| 3.78 GPA***

September 2015 – May 2020

- Received multiple scholarship totalling $7500 and awards for being top student with highest rank 2

SKILLS

Programming: C, C++, Java, Python, OpenCV, Sentence Transformer (NLP), TensorFlow, PyTorch, TfLite

Cloud Engineering: RDS, Elasticsearch, DynamoDB, Lambda, EC2, SNS, SQS, S3, CloudWatch