Aditya Aravind Chinchure (Adi)

Year 4, Honors in Computer Science

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EDUCATION:

University of British Columbia - *BSc. Honours in Computer Science*

2016 - 2021 (expected) | GPA: 87% | International Student – Faculty of Science Scholarship | Dean's Honour List

TECHNICAL WORK EXPERIENCE:

Machine Learning Engineer (Co-op), SoapBox, Toronto *May – August 2019*

Developed machine learning models for text classification, sentiment analysis and entity recognition. Created an all-new API for providing insights on meeting data – a critical product feature for an upcoming funding round.

Core technologies: PyTorch, fast.ai, RASA NLU, Flask, AWS, Docker

Junior Software Developer (Co-op), AppNeta, Vancouver *September – April 2019*

Assisted in scaling up our application for cloud-centric deployments by developing new front-end features and backend APIs that performed 6x better. Wrote scripts to load test the APIs. As a team, we achieved 2.5x the size of all our existing public deployments combined.

Core technologies: React, Redux, Java, Swagger, Python, Jenkins

Teaching Assistant (CPSC 304 - Relational Databases), UBC, Vancouver *May – June 2018, Jan - April 2020*

Assisted in course planning and execution, including assisting students with projects and writing and grading exams.

Core technologies: MySQL, PHP

TECHNICAL PROJECTS:

Musico – Music Discovery and Collaboration *May – August 2020*

A web app for discovering music, with a real-time chat experience, built using React, Redux, Express and MongoDB.

Machine Learning and Data Science Projects *August 2019 Onwards*

Exploring and implementing Machine Learning projects and writing blog posts about them on *Technonerds*.

- Project 1: Using fast.ai to develop a state-of-the-art NLP model for text classification
- Project 2: Building production-ready ML models using Flask and Docker
- Project 3: A summary of recent Text Summarization techniques [Academic Research Project] *(link)*

Hashtagger – Social Media Hashtag Generator *March 2019 - April 2019*

A hashtag generator for Instagram, built into an iOS app, that uses transfer learning on the InceptionV3 model.

INTERESTS/ACTIVITIES:

- **I am a photographer,** with over 80 million views and 500k downloads on *Unsplash*
- **I run the blog *"Technonerds",*** where I review products, share experiences from work, and write ML tutorials
- **I am a co-founder and volunteer at Window Wish,** an NGO that aims to provide contactless pet therapy at hospitals and long-term care facilities