

Yatin Kapur

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Skills

Python, C++, JavaScript, SQL, Django, D3, Pandas, Scipy, Scikit-learn, Matplotlib, Git, GCP, AWS, Kubernetes, Docker, Airflow, Superset

Experience

Wish | Data Analyst Intern

San Francisco | January - April 2020

- Built and deployed Apache-Superset on Kubernetes for Business Intelligence team

- Designed Vault configuration to enable secure communication of data with K8 clusters

- Built decision tree classifier to determine the risk of refunds for particular orders

- Assisted with migration of system wide pipelines to Airflow, improving synchronicity

The Globe & Mail | Data Analyst Intern

Toronto | January - April 2019

- Remodelled impression and revenue database to improve Tableau performance by 22%

- Led shift of UI environment to AWS Metabase, bringing monthly expenditure to \$0

- Developed linear, lognormal, and seasonal models to forecast revenues

- Architected new design for product and ad data in Snowflake for efficient storage

Toronto FC | Software Engineering Intern

Toronto | January - April 2018

- Used minimum cost matching to analyze player movement data at 120,000 frames/game

- Built Django tool to help optimize xG model by collection of positional data

- Designed D3 dashboard to show Z-scores, used for coaching and half time analysis

- Created win probability chart using logistic regression model on 7+ years of data

Indigo Books & Music | QA Intern

Toronto | May - August 2017

- Applied regression, unit, and black box testing to validate web store requirements

- Curated SQL queries to prepare and aggregate vendor, product, and shipping data

Education

University of Waterloo

Bachelor of Computer Science - Data Science, 2021

Courses

Algorithms & Data Structures, Compilers, Probability, Combinatorics, Calculus, Linear Algebra, Machine Learning

GPA

80/100

Wilfrid Laurier University

Bachelor of Business Administration - Finance, 2021

Courses

Microeconomics, Macroeconomics, Finance 1-2, Investment Management, Market Structure & Equities

Instructional Assistant

Third year IA for core BBA Finance course (2019)

Projects

Hua Rong Dao Pass • Python

- Implemented A* search algorithm to find optimal path for puzzle in 4 seconds

Password Analysis • Python, BeautifulSoup, Matplotlib

- Entropy analysis of 60k passwords to decipher and improve password strength

Awards

IBM Consulting Competition Winner 2018

out of 500 competitors

CONCACAF Champions League Finalist 2018

with Toronto FC