Yatin Kapur

yatinkapur.com   github.com/yatin-kapur
ykapur@uwaterloo.ca   (647) 924-1698

Experience

Wish | Data Analyst Intern   **San Francisco |** January - April 2020
- Built and deployed Apache-Superset tool on Kubernetes for Business Intelligence team
- Designed Vault configuration to enable secure communication of data with K8 clusters
- Developed query logging mechanism to review and optimize queries ran in Superset
- 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 optimize xG model by collection of 33% more 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

GPA   80/100

Wilfrid Laurier University   **Bachelor of Business Administration - Finance, 2021**

Courses   Microeconomics, Macroeconomics, Options, Futures & Swaps, Investment Management

Instructional Assistant   Third year IA for core BBA Finance course (2019)

GPA   10/12

Skills

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

Projects

Leading Trailing • Python, Flask, D3, SQL SKLearn
- Tool for data visualizing and predicting final placements of the Premier League

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