Jason Richard

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EDUCATION & CERTIFICATIONS

University of Toronto   Sep 2021 – Apr 2025 (anticipated)
Candidate, Honors Bachelor of Science in Co-op Statistics and Economics

Stanford University Coursera   Feb 2023
Certification of Machine Learning Specialization

KPMG Data Analytics Consulting Virtual Internship   Mar 2023
KPMG

SKILLS

Languages: SQL, HTML, R, CSS, C, Python (TensorFlow, Keras, NumPy, Pandas, Matplotlib, Sci-kit Learn)
Tools: Tableau, Jupyter Notebook, PowerBI, MySQL, Excel, PowerPoint, Word, Outlook, Access, VS Studio, Microsoft Power Platform, R Studio, Microsoft Azure (In Progress)

PROFESSIONAL EXPERIENCE

Business Intelligence Analyst Coop   Jan 2023-Present
FGF Brands
- **Designed, implemented, and maintained** company's dashboard to detect metal in food production using **PowerBI**, resulting in a **30% boost** in metal detection accuracy
- **Migrated unstructured reports** from **Visual Studio** into **PowerBI** using **SQL** and **DAX**, boosting company **efficiency by 40%**
- **Increased efficiency** of dashboards production and analysis by **64%** through **ChatGPT** integration with Measures and Calculated Columns

Network Performance Management Intern   June 2020- July 2020
OCBC Bank
- Developed and maintain **weekly and monthly status reports** of monitoring credits to executives in a project dashboard using **PowerPoint, Excel, and SQL,** reducing reporting time by **20%**
- Conducted a comprehensive evaluation **credit monitoring dashboard** by segment, product, currency, and segment summary where users can analyze product and currency composition based on customers balance and growth
- Designed and implemented a **mini–Relational Database Management System** and managed the Company's RDBMS for report purposes.

ACTIVITIES & EXTRACURRICULARS

Data Analytics Director
Management and Economics Student Association at UofT (MESA)   Apr 2022-Present
- **Analyzed over 300 records** and achieving a record of most BBA students under Accounting Specialist with 43%
- **Improved decision making** by designing and developing event analytic dashboards for **data analytics and forecasting** using **PowerBI, increasing event attendees by 63%.**

PROJECT

IBM Data Science Project
- **Conducted financial analysis** between Tesla and GameStop stocks using **yfinance** and **webscraping** in **Python** to extract stock data and plot stock graphs with **Matplotlib**
- **Extracted and Analyzed** Apple and AMD stock data by **extracting dividends and share price** by history using **yfinance** in **Python**, resulting in **150% stock price increase** over a 5-year period.

Car Manufacturer Data Visualization
- Performed data manipulation using **Pandas, NumPy, Seaborn, Matplotlib** in **Python** for data cleaning and visualization of car manufacturer to produce an effective trend of car sales using **boxplot**
- Optimize data efficiency using. drop method to eliminate redundant and inconsistent data.

Credit Card Fraud Detection
- Utilized **Sci-Kit Learn, Matplotlib** in **Python** to visualize customer data and giving **logistic regression** for predictions through training the data using X_train, X_test, y_train, y_test.
- Evaluated credit monitoring by classifying data by fraud: 492 and not fraud: 284,315
- Created a **heatmap** based on Prediction and True values resulting in **85,293/85,443 not fraud.**