

Yousuf Hussain

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I am a recent graduate of two coding bootcamps with a background in business intelligence and analytics. I aspire to develop full-stack applications remixing open datasets with traditional algorithms and machine learning to build solutions with simple, meaningful, insightful, and empowering user experiences.

SKILLS

Programming languages: Python, JavaScript, SQL	Data analysis: Numpy, Pandas, Matplotlib, Tableau
Front-end: ReactJS, HTML, CSS, Streamlit	Data visualization: Seaborn, Plotly, Bokeh, Folium
Back-end: NodeJS, Express, Django	Data science: SciPy, Scikit-learn
Databases: MongoDB, PostgreSQL, MySQL	Web scraping & automation: Beautiful Soup, Selenium

EDUCATION

Nov 2021	Software Engineering Bootcamp - General Assembly - Toronto ON
Nov 2020	Data Science Bootcamp - BrainStation - Toronto ON
Apr 2016	Bachelor of Commerce (Accounting & Finance) - Toronto Metropolitan University - Toronto ON

EXPERIENCE

Nov 2019 - present	Consultant - Gears - Michigan City IN <ul style="list-style-type: none">Assist CEO (my spouse) with process automation, analytics, payroll, and administration for her small business which develops educational assessment content for grades K - 12
Oct 2017 - Jun 2020	Associate Strategic Information Manager - BGIS / Hydro One - Markham ON <ul style="list-style-type: none">Increased annual performance rating of a service delivery client business unit by 15% by developing a strategic plan to drive key business objectives and change management initiativesImproved financial performance of a \$30+ million capital budget by 5% by leading an internal audit to revamp the data integrity and reporting of 150+ capital projectsRaised client engagement by 25% and satisfaction by 10% by redesigning a client satisfaction survey and applying root cause analysis to troubleshoot recurring issues and concerns
Nov 2015 - Oct 2017	Business Intelligence Analyst - BGIS / TD Bank - Toronto ON <ul style="list-style-type: none">Consolidated 12 key performance metrics and their respective detailed reporting into a single interactive Tableau dashboard with drill-down capabilitiesImproved vendor performance by 5% by introducing new analytics using IoT (Internet-of-Things) data to measure and audit time spent on-site
Jan 2014 - Nov 2015	Financial Analyst - BGIS / TD Bank - Toronto ON <ul style="list-style-type: none">Reduced monthly reporting cycle time by 60% by automating recurring SQL workflows using Microsoft VBAManaged a 10x increase in data volume by building a database using Microsoft Access and SQL to transition financial reporting from a region-based model to a building-unit-based model
Apr 2012 - Jan 2014	Data & Reporting Analyst - BGIS - Markham ON <ul style="list-style-type: none">Reduced turnaround time by 65% for occupancy move requests by deploying a new standard operating procedure and reporting frameworkStreamlined reporting for 15+ small and medium sized clients by developing standards, documentation, and training