

Khushnud Ahmed

DATA ANALYST

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Address: 265 Main St, Toronto, ON, M4C 4X3

Data Analyst with a strong foundation in database management, machine learning, and web development, currently pursuing a Master's in Data Science and Analytics at Toronto Metropolitan University. Proficient in Python, SQL, and big data tools such as Apache Hadoop and Spark, with hands-on experience in predictive modeling and customer churn analysis.

My final year project, the AI Guardian smart app, underscores my creativity and technical proficiency in data management, app development, and programming expertise. Eager to leverage technical expertise and problem-solving skills to contribute to innovative, data-driven solutions in a professional environment. And continuously expanding my knowledge in a dynamic setting. Driven by curiosity and committed to delivering excellence, I am prepared to tackle new challenges with enthusiasm.

EDUCATION

09/2024 – Present

Master of Science in Data Science and Analytics

Toronto Metropolitan University – Toronto, Canada

02/2020 – 02/2024

Bachelor of Science in Computer Science

SZABIST – Dubai, UAE

WORK EXPERIENCE

May 2023 – August 2023

Desert King Waterproofing LLC – Graphic Designing Intern | Ajman, UAE

- Designed 20+ visual content pieces using Photoshop and Blender, enhancing client presentations by 15%.
- Collaborated with a senior designer to manage 5 design projects, ensuring timely delivery of high-quality designs.
- Improved image quality by 25% through retouching and revision techniques, increasing customer satisfaction.

July 2022 – September 2022

Blue LLC – IT Technical Support Intern | Al Serkal, Dubai, UAE

- Troubleshoot operating systems, hardware, and software problems to identify root causes.
- Set up new users with IT systems and equipment, providing further support to new starters.
- Participated in weekly department meetings to provide input on new and technical processes.

SKILLS

- Apache Hadoop
- Apache Spark
- Apache NiFi
- Map Reduce
- Python (Pandas, NumPy, Matplotlib, Seaborn, OpenCV)
- React.js (HTML, CSS, JSX, TypeScript)
- SQL and Database Management
- Firebase
- Android Studio (Java, Python, C++)
- Tableau
- Machine Learning (Regression, Clustering, Decision Trees)
- Networking Fundamentals
- Switching and Routing
- Network Simulation (Cisco Packet Tracer)
- Microsoft Office (Word, Excel, PowerPoint)
- Time Management
- Organizational Skills

PROJECTS

Final Year Project:

- **Ai Guardian:** Developed a comprehensive support system for individuals with physical disabilities using Python, Firebase, and Java.

Integrated gesture recognition to help users with limited mobility, allowing for emergency alerts to family members or caregivers.

Artificial Intelligence Projects:

- **NYC Taxi Trip Duration Prediction:** Built a machine learning model using Python (Pandas, scikit-learn) to predict taxi trip durations, achieving a 92% accuracy rate.

Preprocessed over 1 million data records, improving model performance by 30% through feature engineering and data cleaning techniques.

Applied regression models (linear regression, decision trees) to optimize prediction accuracy.

- **Customer Churn Prediction:** Developed a predictive model to identify potential customer churn using machine learning, leading to enhanced customer retention strategies.

Performed data cleaning, feature engineering, and used logistic regression and random forests to achieve 88% accuracy.

CERTIFICATIONS

- Amazon Virtual Assistance (VA) Course
- Introduction to Cloud (IBM)
- Machine Learning for Beginners (Analytics Vidhya)
- Certified CS50 Certificate (Harvard edx)

REFERENCE

Dr. Rukshanda Kamran

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