Juzya Ilyas

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SUMMARY

Strategically minded Computing Science graduate, specializing in AI/ML, data analytics, and software development. Experienced in Python, SQL, and advanced machine learning frameworks with a keen ability to analyse complex data sets and derive actionable insights.

EDUCATION

Bachelor of Computing Science
Thompson Rivers University
Cumulative GPA: *3.90/4.33* (Dean's list each semester)

RECENT WORK EXPERIENCE

Junior ML Engineer, Intern

Custom AI Power Inc.   *September 2023 – April 2024*
- Assisted in the collection and annotation of training data, ensuring high-quality data inputs for model development.
- Enhanced model performance through feature engineering with pandas, NumPy, and Scikit-learn, resulting in a 20% performance improvement and significant error rate reduction.
- Participated in the implementation of basic machine learning algorithms using Scikit-learn and TensorFlow under the guidance of senior engineers.
- Conducted literature reviews to stay updated on the latest advancements in machine learning and related fields.

Analytics Solution Engineer, Co-op

WorkSafeBC   *September 2022 – August 2023*
- Developed, maintained, and optimized analytics solutions using SSMS, PowerBI, Python, and Excel, facilitating agile deliveries and automated workflows, achieving a 100% request completion rate.
- Utilized SQL Server Management Studio to design, optimize, and manage databases.
- Collaborated with cross-functional teams to gather requirements and design data solutions tailored to clients' needs.
- Transitioned and rebuilt 90% of Tableau reports into PowerBI, enhancing accessibility and interactivity for user engagement, and made these reports publicly available.
- Achieved an impressive 99% client satisfaction rate by efficiently managing ad-hoc requests.

PROJECTS

Capstone Project: Trade digital collectibles as NFTs safely and legally
- Developed a secure and efficient smart contract system for NFT transactions using ERC-721 standard, focusing on transaction security and performance optimization. View Source Code

Gender Classification through Gait Analysis using Machine Learning
- Implemented a machine learning model for gender classification based on gait analysis, demonstrating strong data structuring and analysis skills.

SKILLS

- **Languages & Tools:** SQL, Java, Python, C, C#, C++, HTML/CSS, JavaScript, Solidity, PowerBI, Git, Excel, Figma
- **Hard Skills:** Data Analysis & Visualisation, Database Design and Management, Machine Learning, Statistics, Advanced Mathematics, API Development, Agile Methodologies, Testing & Debugging
- **Soft Skills:** Communication, Problem-solving, Adaptability, Collaboration, Time Management, Attention to Detail, Analytical Thinking, Fast Learner
- Excellent team player with a robust analytical mindset and flexibility in project execution.
- Strong ability to document, analyse, and assess information, identify priorities and resources.