DANY KOUDEDE

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WWW: www.linkedin.com/in/dany-koudede-1152611a5 | **WWW:** Bold Profile | **WWW:** https://koud-dany.github.io/

Summary

Highly motivated and analytical individual with a strong foundation in computer science and data science, offering extensive experience Python, VBA , and leveraging AWS SageMaker for end-to-end model development and deployment. Possesses a keen aptitude for data analysis, pattern recognition, and predictive modeling, along with excellent problem-solving and communication skills. Adept at collaborating with cross-functional teams to meet project objectives and staying updated on the latest machine learning advancements and technologies.

Skills

- Amazon Web Services
- AWS / IBM Cloud
- ETL
- Programming Languages: Python, R, MATLAB, HTML, CSS, SQL, JavaScript, JQuery
- Data Analysis: Pandas, NumPy, Scikit-Learn, keras & Tensorflow
- Data Visualization: Matplotlib, Seaborn, Plotly, Dash, Tableau, PowerBI
- Machine Learning: Regression, Classification, Clustering, Natural Language Processing
- Databases: Oracle, MongoDB, SQL, NoSQL
- Big Data: Apache Spark (PySpark, Spark SQL), Scala
- Statistical Analysis: Hypothesis Testing, ANOVA, Bayesian Statistics
- Tools: Jupyter Notebook, Git, Excel, SQL
- Framework: Flask
- Strong problem-solving and analytical skills
- Excellent communication and presentation abilities
- Ability to work collaboratively in cross-functional teams

Education and Training

Rice University | Houston, TX | 10/2020
Certificate: Data Analytics And Visualization

Houston Community College | Houston, TX | 08/2017
Associate of Applied Science: Computer And Information Sciences

Marien Ngouabi University | Congo | 08/2012
Bachelor of Science: Mathematics

Experience

Sc Tester | Deeplearning.AI - Remote | 10/2023 - Current

- Evaluated short courses related to deep learning and AI on the GitHub platform, assessing content accuracy, clarity, and educational effectiveness.
- Identified and documented issues systematically using GitHub's issue tracking system, providing clear descriptions and reproducible steps.
- Conducted comprehensive evaluations of code snippets and scripts within short courses related to deep learning and AI on the GitHub platform.

- Verified code accuracy, ensuring alignment with course content, debugging errors, and offering suggestions for improvement.
- Tested the reproducibility of code, ensuring that learners could successfully execute provided code examples following given instructions.

Data Analytics Instructor | Varsity Tutors - Remote | 10/2022 - Current

- Conducted comprehensive courses on data analytics, covering topics such as data visualization, statistical analysis, SQL, Python/R programming, machine learning, and data-driven decision-making strategies.
- Achieved a student engagement rate of 90% through the use of interactive teaching methods, fostering a highly participative and stimulating learning environment.
- Increased student retention by 20% by developing and delivering engaging curriculum modules, integrating real-world case studies, projects, and hands-on exercises, enhancing practical application and understanding of analytics concepts.
- Obtained an 85% positive feedback rating from students on mentorship and guidance in understanding complex analytical techniques, emphasizing critical thinking and problem-solving skills in data analysis.
- Utilized various learning tools and technologies, resulting in a 30% improvement in students' ability to comprehend and apply Python/R programming, statistical analysis, and machine learning concepts effectively.

Financial Analyst | Reliant Energy - Houston, TX | 02/2023 - 10/2023

- Conducted thorough financial analysis to support decision-making processes and strategic planning initiatives.
- Developed and maintained financial models to forecast revenue, expenses, and cash flow.
- Prepared comprehensive reports and presentations for senior management, highlighting key financial insights and recommendations.
- Collaborated with cross-functional teams to optimize financial performance and identify areas for improvement.
- Assisted in budgeting and forecasting activities, ensuring alignment with corporate goals and objectives.
- Contributed to the development of long-term financial strategies to enhance profitability and shareholder value.

Data Analyst | Vaughan Nelson Investment Management - Houston , TX | 02/2021 - 10/2022

- Executed trade orders for equities, fixed income securities, and derivatives, ensuring timely and accurate settlement of transactions.
- Conducted daily reconciliation of portfolio holdings and cash balances, identifying and resolving discrepancies to maintain data accuracy.
- Assisted in the processing of corporate actions such as mergers, acquisitions, and dividends, and updated portfolios accordingly.
- Generated performance reports and investment analytics to assess portfolio performance against benchmarks and investment objectives.
- Supported client servicing activities by responding to inquiries, resolving issues, and providing account information to clients and investors.
- Participated in team projects to enhance operational efficiency and streamline workflows, contributing to improved productivity and client satisfaction.

SQL Report Developer | Houston Habitat for Humanity - Houston, TX | 01/2018 - 03/2020

- Designed and developed SQL queries and reports to support various departments within Houston Habitat for Humanity, including but not limited to fundraising, volunteer management, and resource allocation.
- Collaborated closely with stakeholders to gather requirements and translate business needs into effective SQL-based solutions.
- Created and maintained interactive and visually appealing reports using SQL Server Reporting Services (SSRS) to facilitate data-driven decision-making processes.
- Implemented data visualization techniques to present complex information in a clear and concise manner, enabling stakeholders to gain actionable insights.
- Conducted performance tuning and optimization of SQL queries and reports to ensure efficient data retrieval and processing.
- Provided technical support and training to staff members on SQL reporting tools and best practices, empowering

them to leverage data effectively in their day-to-day operations.
- Contributed to database management tasks, including data cleansing, data migration, and data integrity checks, to support overall data quality and reliability.
- Worked collaboratively with IT team members to implement and maintain data warehouse solutions for improved data storage and accessibility.
- Maintained documentation of SQL queries, report specifications, and data sources to ensure transparency and knowledge sharing across the organization.

Activities and Honors

- Member , Phi Theta Kappa Honor society

Certifications

- IBM Data science certificate
- ML in production ~DeepLearning.AI certificate
- Microsoft 70-762 SQL dev Certificate

Languages

English:

Full Professional

French:

Native/ Bilingual

Spanish:

Limited