Jannik Mangabat

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Qualifications Summary

Diligent and analytical professional with experience leading IT projects to completion, applying problem-solving skills and data-driven strategies to enhance project efficiency, highly motivated to develop machine learning models and AI/ML solutions to drive innovative solutions and streamline operations. Capable of designing machine learning systems, devising statistical learning models for analysing data, implementing advanced ML techniques, and refining systems to enhance efficiency.

Machine Learning & Data Analysis

- Proficient in developing machine learning models and algorithms to extract knowledge from complex data sets.
- Skilled in conducting quantitative analysis, utilising advanced statistical techniques, and interpreting data to uncover trends and patterns to inform strategic decision-making.

Project Management

- Proven track record of successfully completing construction projects on time and within budget.
- Excel at leading and fostering collaboration across culturally diverse teams, with history of integrating cutting-edge analytical techniques and industry insights to refine project outcomes.

Research & Strategic Planning

- Experienced in conducting in-dept research on foundational models, data mining, and predictive modelling with skills in data visualisation techniques.
- Adept at strategically planning, executing, and overseeing comprehensive initiatives and aligning testing strategies with overarching project goals.

Cross-functional Communication

- Capable of communicating complex technical concepts to non-technical stakeholders effectively.
- Passionate about continuous learning and staying informed about emerging trends in data science, AI, and ML.

Experience Highlights

University of Southern Denmark, Odense   **2021 – 2023**
Data Science Student

Gained proficiency in Machine Learning, Statistics, Algorithms & Data Structures, Data Visualisation, Database Systems, Natural Language Processing, Software Engineering, and Interactive Dashboards. Researched cutting-edge foundational models for abstractive summarisation and named entity recognition. Integrated approximate nearest neighbours and vector stores for semi-automated PEST analysis, identifying advanced technologies and methodologies for data processing and information extraction.

EnviroProcess, Odder   **2017 – 2021**
Project Leader

Directed cross-functional teams to achieve project deliverables within scope and budget. Applied hybrid Scrum framework to coordinate internal and external team members, ensuring smooth transition and efficiency throughout project stages. Conducted stakeholder analysis and project planning.

- Maintained relentless dedication to task resolution, demonstrating adaptability and problem-solving prowess across various departments.

TDC Hosting, Tranbjerg   **2016 – 2017**
Test Manager

Managed test teams in both England and India, contributing fresh perspectives and leveraging interpersonal skills to overcome challenges faced by predecessors. Orchestrated planning, execution, and monitoring of all testing activities

to ensure project delivery. Partnered with stakeholders to define project scope, requirements, and objectives, aligning testing strategies with overall project goals.

- Transformed test management processes by implementing minimum variable workflow systems for managing test scenarios, reporting, and execution during project crisis.
- Implemented successful test management stages to improve application approval rates from 17% to 87%, significantly impacting project completion.

TDC Group, Tranbjerg   **2019**
Business Process Improvement Intern

Conducted value stream analysis to reveal efficiency improvement opportunities in telecommunications infrastructure. Assisted project leaders and managers in contract analysis to improve strategic decision-making and operational efficiency.

- Identified opportunity for annual savings of 10M to 350M DKK through innovative proposals.
- Enhanced efficiency by leading development of business proposal for gamified learning platform to improve basic Windows skills and typing speed for technicians.

Additional Experience as Back Office Administrator at EnviroProcess, Odder

Education

Master of Science in Data Science
University of Southern Denmark, Odense, 2023

Professional Bachelor, Economics & IT
Business Academy Aarhus, Aarhus, 2021

Conducted market analysis on how Danish ecommerce would be impacted by Amazon's entry into Danish market.

Certifications

Azure Fundamental, Microsoft, 2024

Technical Proficiencies

JavaScript | Python | SQL | Docker | LangChain | UML | PyTorch | FastAPI | SonarCube | Tensorflow

Languages

Danish | English