MARK ASSEJEV

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EDUCATION

IT UNIVERSITY OF COPENHAGEN   **Copenhagen, Denmark**
Bachelor of Science (BSc), Data Science   2022-2025

• Relevant Coursework: Algorithms and Data Structures, Machine Learning, Data Visualisation and Data-driven Decision-making, Database Systems, Large-Scale Data Analysis

TALLINN HIGH SCHOOL OF HUMANITIES   **Tallinn, Estonia**
High School Diploma, Social Sciences   2022

• Awards: Excellence in Event Organization Award(2022), Award for Leadership and Initiative(2022), "What? Where? When?" Estonian Intelligence Games winner(2021, 2022)

SELECTED PROJECTS

Large-Scale Yelp Review Analysis — *Apache Spark, scikit-learn, Pandas*
Used Spark to analyze 6M+ Yelp reviews, identified influencer impact and authenticity language, and built logistic and linear regression models to predict review scores.

MLOps Pipeline with Go and Python — *Dagger, GitHub Actions, MLflow*
Transformed a monolithic Python ML project into a modular pipeline with automated testing, model training, and artifact management. Integrated CI/CD using GitHub Actions and container-based execution.

Clothing Image Classification — *PyTorch, PCA, Naive Bayes, Neural Networks*
Applied machine learning techniques to classify grayscale fashion images using custom feature extraction, dimensionality reduction, and multiple classifiers.

Comparison of DistilBERT to LSTM using CheckList — *PyTorch, NumPy, NLP*
Compared a fine-tuned DistilBERT transformer model with a custom LSTM on sentiment classification tasks using the CheckList evaluation framework. Analyzed model robustness to negation, paraphrasing, and named entity changes, revealing gaps in generalization and syntactic sensitivity.

PROFESSIONAL EXPERIENCE

Southwestern Advantage   **Alberta, Canada**
Sales Representative   June 2024 - September 2024

• Generated over $55,000 in total sales revenue through direct selling, resulting in $26,000+ in personal profit during 780 working hours.
• Engaged with more than 3,000 families, effectively promoting educational products and fostering community relationships.
• Demonstrated entrepreneurial mindset, time management, and performance under pressure.

Invisible Technologies Inc.   **Remote**
Data Operator   Aug 2023 - May 2024

• Executed comprehensive data analysis, cleaning and validation processes using custom-built algorithms to ensure data accuracy and integrity.
• Collaborated remotely with international teams to optimize workflows and support data-driven operations.
• Ensured high-quality data delivery by identifying and resolving anomalies, duplicates, and inconsistencies.

ADDITIONAL INFORMATION

Languages: Russian(native), English (fluent), Estonian (fluent), Danish (beginner)