Nina Gustafsson

Stockholm, Sweden

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Education

KTH Royal Institute of Technology

Master of Science in Data Science

Sep 2019 – Jun 2021 | Stockholm, Sweden

GPA: 4.7/5.0

Activities: Women in Data Science Ambassador, ML Ethics Committee, Teaching Assistant for Statistical Methods

Relevant Coursework: Statistical Learning, Deep Learning, Bayesian Methods, Big Data Processing, Natural Language Processing, Computer Vision, Reinforcement Learning, Research Methods

Uppsala University

Bachelor of Science in Mathematics and Statistics

Sep 2016 – Jun 2019 | Uppsala, Sweden

GPA: 4.5/5.0

Work Experience

Data Scientist | Spotify | Aug 2021 - Present | Stockholm, Sweden

- Developed recommendation systems for music discovery that increased user engagement by 18%.

- Built NLP models for analyzing user feedback and reviews, extracting actionable insights with 90% accuracy.

- Designed A/B testing frameworks for evaluating algorithm performance across different user segments.

Analytics Intern | H&M Group | Jan 2021 - Jun 2021 | Stockholm, Sweden

- Implemented demand forecasting models using time series analysis that reduced inventory costs by 12%.

- Created customer segmentation algorithms using clustering techniques.

- Built interactive dashboards for business stakeholders using Power BI and R Shiny.

Skills

Data Science: Statistical Analysis, Hypothesis Testing, Experimental Design, Feature Engineering, Model Evaluation

Machine Learning: Regression, Classification, Clustering, Ensemble Methods, Neural Networks

Programming: Python, R, SQL, Julia, Scala

ML Libraries: scikit-learn, TensorFlow, PyTorch, Keras, XGBoost, LightGBM

Big Data: Spark, Hadoop, Hive, Kafka, Airflow

Visualization: Tableau, Power BI, matplotlib, seaborn, ggplot2, D3.js

Other: A/B Testing, Causal Inference, Time Series Analysis, NLP, Computer Vision, Recommender Systems

Certificates

DataCamp: Data Scientist Career Track

Databricks: Apache Spark Developer

deeplearning.ai: Deep Learning Specialization

Awards

Best Paper Award - International Conference on Machine Learning Applications 2023

Winner - Spotify Machine Learning Hackathon 2022

KTH Excellence Scholarship for Academic Achievement