🔷 EDUCATIONAL BACKGROUND SUMMARY

1. Bachelor's Degree

- **University**: Northwest University of Politics and Law, China
- **Degree**: BSc in International Economics and Trade
- **Years**: 2001–2005

2. Master's Degree

- **University**: Humboldt-Universität zu Berlin, Germany
- **Degree**: MSc in Economics and Management
- **Years**: 2005–2008

3. PhD Degree

- **University**: Umeå University, Sweden
- **Degree**: PhD in Financial Economics
- **Years**: 2009–2016

4. Diploma in Data Science and AI

- **Institution**: IT-Högskolan, Sweden
- **Focus**: Data Science, Machine Learning, Deep Learning, Python Programming
- **Years**: 2021–2023

🔷 AI AND DATA SCIENCE TRAINING DETAILS

🧠 Courses & Skills

Deep Learning (AI21):

- Topics:
  - Keras in TensorFlow
  - CNN, RNN, LSTM, Autoencoders
  - Transformers, GANs, Reinforcement Learning
- Weekly Content Overview:
  - Week 16–18: Keras, CNN, Image Processing, Transfer Learning
  - Week 19–21: NLP – RNN, LSTM, Transformers

- o Week 22: GAN & RL Intro

Machine Learning (AI21):

- Focus: Supervised & Unsupervised ML using Scikit-learn

- Topics:

  - o Linear/Logistic Regression, KNN, Decision Tree, SVM

  - o Random Forest, Naive Bayes, PCA, K-means, ANN

- Weekly Content:

  - o Week 6–14: Regression, Classification, NLP, Dimensionality Reduction, ANN Intro

Data Processing (Databehandling 2021):

- Topics:

  - o Pandas, Seaborn, Plotly Express

  - o Data aggregation, filtering, regex, Dash dashboards, GDPR & deployment

Python Programming (Programmering med Python 2021):

- Focus: Python fundamentals + OOP

- Topics:

  - o Git, VSCode, loops, strings, exceptions, functions, classes, inheritance

  - o Unit testing, file handling, modules, exam

🔷 **TECHNICAL SKILLS SUMMARY**

- **Languages**: Python

- **Libraries & Tools**:

  - o **Data Processing**: pandas, numpy, matplotlib, seaborn, plotly

  - o **Machine Learning**: scikit-learn, TensorFlow, PyTorch

  - o **Deep Learning**: CNN, RNN, LSTM, Transformers

  - o **Deployment**: Dash, Streamlit, Bootstrap

- **Other**:

- o   OOP, GitHub, VS Code, unit testing, KPI dashboards, regex, GDPR compliance

🎓 My Education Journey

My educational path has been both deep and diverse — spanning economics, artificial intelligence, and advanced data science. I've continuously upgraded my skills in alignment with emerging technologies, which now empower me in my day-to-day work.

📘 Academic Background

- **Ph.D. in Economics**
  University of Gothenburg, Sweden
  My doctoral research focused on statistical modeling, causal inference, and data-driven policy analysis — laying a solid foundation for analytical thinking and structured problem-solving.

- **Master's & Bachelor's Degrees**
  Renmin University of China
  Strong foundations in quantitative methods, economic theory, and applied analytics.

🤖 Specialized Tech Education

- **2-Year Program in Artificial Intelligence and Machine Learning**
  This program immersed me in Python, machine learning algorithms, deep learning, and real-world applications — from building predictive models to deploying intelligent systems.

🎓 Certifications

- Microsoft Certified: Azure Data Engineer Associate

- Databricks Certified Machine Learning Associate

- Microsoft Certified: Azure AI Fundamentals

- Snowflake SnowPro Core Certification

- Matillion Associate Certification

- Microsoft Certified: Azure Data Fundamentals

🧠 My Learning Style

I am a hands-on learner. I absorb concepts by **building**, **testing**, and **iterating**. Whether it's AI, data pipelines, or performance dashboards, I believe in turning ideas into action.

💼 Work Experience

Data Engineer & Business Intelligence Consultant

Volvo Cars Corporation (VCC) — Sep 2023 to Present

- Developed and maintained robust data pipelines using Snowflake, Matillion, and Azure Data Factory.

- Created and optimized Power BI dashboards for sales and retail delivery data, enabling data-driven decision-making across the organization.

- Led efforts to improve data quality and reporting accuracy through rigorous data validation and reconciliation.

- Collaborated with cross-functional teams to translate business requirements into scalable data solutions.

Data Engineer, Battery Durability Team

Volvo Cars Corporation — Jan 2023 to May 2023

- Designed automated ETL workflows to process cell durability data using Azure services and Python.

- Developed Power BI dashboards to visualize battery performance metrics, improving team efficiency by over 70%.

- Ensured data governance and compliance by implementing consistent data quality checks.

Credit Risk Data Scientist

Collector Bank, Gothenburg — Sep 2022 to Nov 2022

- Built predictive models for default probability using Databricks ML tools, including Logistic Regression, Random Forest, and XGBoost.

- Conducted exploratory data analysis and feature engineering on large datasets stored in Azure Data Lakehouse.

- Developed Python-based visualization tools for credit risk reporting.

🛠 Technical Skills

- **Languages:** SQL, Python (Pandas, NumPy, scikit-learn, TensorFlow, PyTorch)

- **Data Platforms:** Snowflake, Azure Data Factory, Azure Synapse, Databricks

- **ETL Tools:** Matillion, Azure Data Factory

- **Business Intelligence:** Power BI, Azure Analysis Services (Cube)

- **Machine Learning:** Supervised learning (Logistic Regression, Random Forest, XGBoost), Deep Learning (CNN, RNN, Transformers)

- **Others:** Git, Streamlit, Power Automate, Visual Studio, Unit Testing

---

🚀 Projects

Sales Dashboard Automation — Volvo Cars

- Designed and developed an end-to-end data pipeline to deliver reliable, near real-time sales and delivery data.

- Implemented data quality frameworks to ensure consistent, validated datasets powering Power BI reports.

- Automated reporting processes to reduce manual interventions and improve delivery speed.

Battery Cell Durability Analytics

- Automated data ingestion and processing for battery cell durability tests using Azure Data Factory and Python scripts.

- Created interactive Power BI dashboards for R&D teams to monitor cell health and performance metrics.

- Enhanced data refresh performance by over 70%, enabling faster decision cycles.

Credit Default Prediction Model — Collector Bank

- Developed machine learning models in Databricks to predict customer default risk.

- Integrated models into a scalable pipeline, enabling ongoing risk assessment and monitoring.

- Produced data visualizations to communicate model insights to business stakeholders.