**🔹 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
  + Week 22: GAN & RL Intro

**Machine Learning (AI21):**

* Focus: Supervised & Unsupervised ML using Scikit-learn
* Topics:
  + Linear/Logistic Regression, KNN, Decision Tree, SVM
  + Random Forest, Naive Bayes, PCA, K-means, ANN
* Weekly Content:
  + Week 6–14: Regression, Classification, NLP, Dimensionality Reduction, ANN Intro

**Data Processing (Databehandling 2021):**

* Topics:
  + Pandas, Seaborn, Plotly Express
  + Data aggregation, filtering, regex, Dash dashboards, GDPR & deployment

**Python Programming (Programmering med Python 2021):**

* Focus: Python fundamentals + OOP
* Topics:
  + Git, VSCode, loops, strings, exceptions, functions, classes, inheritance
  + Unit testing, file handling, modules, exam

**🔹 TECHNICAL SKILLS SUMMARY**

* **Languages**: Python
* **Libraries & Tools**:
  + **Data Processing**: pandas, numpy, matplotlib, seaborn, plotly
  + **Machine Learning**: scikit-learn, TensorFlow, PyTorch
  + **Deep Learning**: CNN, RNN, LSTM, Transformers
  + **Deployment**: Dash, Streamlit, Bootstrap
* **Other**:
  + 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.