

REEBAL

SAMI

DATA SCIENTIST



CONTACT



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CODEWARS.COM/USERS/REEBAL

SKILLS

Dynamic, cross-functional collaboration

Strategic & entrepreneurial thinking

Solution-oriented, even under stress

Creative thinker with a focus on innovation

Flexible, responsible, and agile

Strong communicator, team player, negotiator

PROFILE

I'm a data scientist merging a finance & business background with a passion for AI to transform insights into innovative solutions.

EXPERIENCE

AI & Data Science Working Student

DATALOGUE | Hamburg | Jun 25 - Dec 25

20h/week on a **B2B Sales Lead** project from concept to MVP. **Concept & design:** Co-shaped the overall approach combining an **agents app** with a **generic news-crawler pipeline** for company & contact research; defined data flow, validation points, DB connection & human-in-the-loop Feedback to refine vectorization/prediction quality.

MVP agents app: Built a Streamlit app running multi-LLM agents for targeting company, contact, insights, and drafting outreach emails with domain/contact verification.

Generic crawler: Implemented a pipeline to crawl news sites, extract content & analyze articles with LLMs to surface company insights.

Junior Entrepreneur / Mentee

Future Founder Program | Hamburg | Nov 24 - Jan 25

Transformative entrepreneurial program, immersing in workshops, coaching sessions, and pitch events to develop a **startup mindset** and bring innovative ideas to life.

Within a team of four, we tackled the challenge of complex biotech regulations with an **AI-powered tool**, streamlining compliance processes to help life-saving products reach the market faster.

Trainee Java Development

neufische GmbH - School and Pool for Digital Talent | Hamburg | Jan 24 - Apr 24

Intensive full-time **Full Stack Java Development Bootcamp**, focusing on full-stack web development. Gained expertise in Java (Spring Boot, OOP, MongoDB, OAuth, Docker), TypeScript, and advanced React.

Built and deployed the **capstone project: MyRecipes**, a **web app leveraging AI** to suggest recipes based on available ingredients, showcasing skills in Java, REST APIs, MongoDB, and TDD.

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TECHNICAL SKILLS

Programming Languages

Python (Numpy, Pandas, Polars), Java, JavaScript, TypeScript, HTML, CSS, SQL, VBA

Frameworks & Libraries

Spring Boot, TensorFlow, PyTorch, OpenCV, timm, YOLO, Scikit-learn, React, Next.js, FastAPI, Hugging Face, Streamlit, Pydantic, SQLAlchemy, BeautifulSoup, Agno, AutoGen, Z3-Solver, Prisma, Tailwind CSS

Machine Learning & Data Science

Classical ML: EDA, Regression, Time Series, Statistical Modeling, XGBoost/LightGBM, RF, Optimization

Deep Learning: ANN, CNN, ViT, RNN, GNN, RL, Agents, Explainable AI (GradCAM)

NLP & LLMs: Transformers, RAG, Word2Vec, Embeddings, Prompt Engineering, Function Calling, Local Inference (llama.cpp), Structured Outputs, Neuro-Symbolic AI

Data Visualization

Plotly, Matplotlib, Seaborn

Deployment & MLOps

Docker, Continuous Integration (GitHub Actions), Test-Driven Development, Makefile

Tools & Platforms

Git (GitHub, Bitbucket), Postman, PostgreSQL, MongoDB, VS Code, IntelliJ IDEA, Render, Cloudinary, Oxylabs, LLM APIs, Sanity CMS, Stripe, Playwright

Everyday Gear

macOS, Windows, WSL, Obsidian, Notion, Slack, Canva, MS-365

Trainee Data Science & Artificial Intelligence

neuefische GmbH - School and Pool for Digital Talent | Hamburg | Nov 22 - Feb 23

Intensive full-time **Data Science Bootcamp** where I developed hands-on skills in statistics, machine learning, data visualization, big data analysis.

Worked on a challenging capstone project using tools like Python, GitHub, SQL, GCP, Numpy, Pandas, Polars, Parquet, Matplotlib, Seaborn, Word2Vec, Co-Visitation Matrix to develop a multi-objective recommender system.

This program advanced my career in data science, giving me a **well-rounded understanding** & portfolio to showcase my abilities.

Financial Accountant

Otto Group | Hamburg | Apr 17 - Jul 22

Prepare financial statements using IFRS & HGB, provide expert advice, be main point of contact for auditors.

Onboard new team members, reconcile balances, file VAT returns & annual statements. **Assist with automation, robotics & improve financial processes.**

Intern in Group Financial Reporting

Otto Group | Hamburg | Nov 16 - Apr 17

Support IFRS implementation, options evaluation & financial statement review. Gain knowledge of consolidation & work with consulting firms. Develop ability to read, understand & **analyse financial statements** in a corporate environment.

EDUCATION

M.Sc. Data Science & Artificial Intelligence

FH-Wedel | Apr 24 - Now

Relv. Coursework: Deep Learning, Econometrics, Symbolic AI, Digital Transformation, Agile PM & Change Mgmt., Org. Theory & Strategic Mgmt.

Focus: E-Commerce (Category Mgmt., E-Com BMs)

Additional Coursework: ML, Unix, Data Engineering, VBA

Deep-Learning-Project: Urban Farming Automated Plant Health Monitoring (ViT/CNNs, Explainable AI, IoT-Concepts, Streamlit)

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HOBBIES & INTERESTS

Music Lover

I play Guitar
dabble in piano when life allows

Pushing Limits

Marathon runner
Bouldering
Swimming

Passion for cooking & sailing

REFERENCES

References

Available upon request
Contact for further details
regarding Telephone & Email

EDUCATION CONTINUED

*Part-time further Education in Financial
Accountant (Bilanzbuchhalter)*
GFS Steuerfachschule 2018 - 2020

*B.Sc. Business Administration, Financial
Management & Banking*
Yarmouk Private University 2009 - 2013

Bachelor's Thesis: Testing the Capital Asset Pricing Model
(CAPM) in the Syrian Stock Market.

LANGUAGES

- German | Full professional
- English | Full professional
- Arabic | Native
- Spanish | Intermediat (on going)
- French | Elementary

THANK YOU

... for taking the time to explore my journey into data science & AI. While some of my technical skills come from hands-on projects and ongoing learning, I am excited to bring my enthusiasm, adaptability, and problem-solving mindset to real-world challenges with dedication and a strong commitment. I look forward to discussing how I can contribute to your team.

Reebal Sami

Hamburg — March 17, 2026