

Kontakt

www.linkedin.com/in/katja-wittfoth
(LinkedIn)

Top-Kenntnisse

Business Strategy
Financial Analysis
Marketing Strategy

Languages

Russian (Native or Bilingual)
Englisch (Full Professional)
German (Native or Bilingual)

Certifications

Deep Learning I & II, with Jeremy Howard
Machine Learning
Data Science

Publications

Medication Compliance Monitoring System using Machine Learning and Distributed Computing

Katja Wittfoth

Data Scientist - Machine Learning at Silo
Metropolregion San Francisco Bay Area

Zusammenfassung

I'm an experienced full-stack data scientist and data leader passionate about building data and AI-driven products. I leverage my strong background to drive decision-making and design end-to-end data solutions for startups.

Berufserfahrung

Silo

Founding Data Scientist
Juli 2021 - Present (2 Jahre 4 Monate)

Building data products.

Helped develop the AI-backed features mentioned in this Techcrunch article about our successful fundraising.

PicnicHealth

Data Scientist
August 2019 - Juli 2021 (2 Jahre)

San Francisco

- Applied Machine Learning to help scale our AI-driven medical records digitization pipeline (e.g., developed model for user churn, operational expenses prediction, and time-series model to predict user behavior).

- Worked side by side with Machine Learning engineers to further the development of state-of-the-art NLP models: analyzed models' performance in terms of computational patterns, memory, and delays.

- Lead the company's product data science efforts: driving insights into the product with a focus on growth, retention, and data completeness; defining key metrics, building dashboards and monitoring systems, and A/B testing to ensure we measure what's important.

- Spearheaded data infra project across the company to establish the source of truth data and enable self-servicing analytics using transformer tool DBT and BigQuery.

Recology

Data Scientist

Oktober 2018 - Juli 2019 (10 Monate)

United States

Computer Vision

- Built image classification Deep Learning model to automate the identification of contaminants in complex images of waste. Improved precision by 30% with iterative experimentation.
- Deployed the model, including setting up a data pipeline in AWS, which processed and stored images from waste collection truck cameras.

University of San Francisco

Master of Science in Data Science

Juli 2018 - Juli 2019 (1 Jahr 1 Monat)

Bayer

8 Jahre 7 Monate

Financial Planning & Analysis Manager

Januar 2016 - Juni 2018 (2 Jahre 6 Monate)

Berkeley, USA

- Led a team of 5 business analysts supporting Bayer's global Biotech.
- Achieved high accuracy in forecasting by developing a financial model based on Time Series and Linear Regression. Implemented scenario simulation and sensitivity analysis.
- Spearheaded projects to identify high-impact opportunities

Senior Data Analyst / Senior Controller

September 2013 - Dezember 2015 (2 Jahre 4 Monate)

Berlin, Germany

- Led quarterly business performance review processes, supporting the CFO with financial objectives of \$14bn revenue business
- Provided recommendations and insights to C-level executives, including CFO and CEO
- Utilized advanced analytics to analyze large sets of data and developed recommendations for the business and strategy decisions
- Successfully led a number of data initiatives, including predictive modeling with IBM Watson
- Provided mentorship for graduate-level business analyst interns.

Business Development Manager

September 2013 - Dezember 2013 (4 Monate)

Osaka, Japan

Strategy project in Japan: developed a 10-year business outlook and evaluation model.

Reporting Analyst in Controlling

September 2011 - September 2013 (2 Jahre 1 Monat)

Berlin, Germany

- Worked on a project to switch the entire company's financial reporting to a business intelligence tool.
- Developed management reports and dashboards (including KPIs and metrics) and rolled them out to the entire organization.
- Improved data quality and automated data quality checks and data validation to reduce administrative expenses for the company, reducing admin expenses by 10%

Country Coordinator

Dezember 2009 - August 2011 (1 Jahr 9 Monate)

Berlin Area, Germany

Managed third-party business in Emerging Markets. Directly communicated with customers to support logistics and pricing. Minimized risk by introducing third-party credit review system

Lufthansa

Sales Analytics Intern

September 2007 - Februar 2008 (6 Monate)

Chicago

Sales analytics and KPI monitoring of airfreight cargo capacity

Beiersdorf

Product & Marketing Intern and Consultant

September 2006 - August 2007 (1 Jahr)

Hamburg

Supported international launch activities for NIVEA products

Ausbildung

University of San Francisco

Master of Science, Data Science · (2018 - 2019)

University of California, Berkeley

Programming Course · (2018)

Hochschule Stralsund

Bachelor of Business Administration (hons), Economics & Finance
(quant) · (2009)