



FABIAN GOTTSCHLICH

LEADER AND ENERGY MODELLING EXPERT

CONTACT

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EDUCATION

- 2021-2023
ZHAW WINTERTHUR
 - Master of Advanced Studies
in Data Science
- 2012-2017
ETH ZURICH
 - Master of Science in Mechanical
Engineering (Focus Energy)
 - GPA: 5.67 / 6.00
- 2005-2011
KANTONSSCHULE ALPENQUAI
 - GPA: 5.86 / 6.00

SKILLS

- Modelling & Forecasting
- Data Analytics & Statistics
- Project Management
- Teamwork & Communication
- Leadership
- Programming (Python, C#, VB.Net)
- Databases (SQL, Snowflake)

LANGUAGES

- English (Business Fluent)
- French (Fluent)
- German (Native)

PROFILE

I strive to expand and improve my quantitative and personal skills every day according to the motto 'If you stop getting better, you stop being good'. My consistency and tenacity allow me to successfully complete projects. I am an enabler that unites people around a common mission. I am fascinated by AI and want to utilise the full potential of the technology with my team to take our performance to the next level. In my free time, I am a passionate tennis player, love spending the winter in the mountains on skis and playing board games.

WORK EXPERIENCE

- BKW Energy [Markets & Regulation]** 2024 - PRESENT
Head of Strategic Market Analysis
 - Responsible for long-term commodity price forecasts until 2050 that are relevant for BKW power plant business cases & long-term PPA deals
 - Advising the Executive Board in energy matters
 - Lead, mentor, and manage a high-performing analysis team, fostering a collaborative and results-driven work environment.
- BKW Energy [Trading]** 2018 - 2023
Quantitative Analyst & Senior Analyst
 - Price forecasts for power, coal, gas and CO2 certificates using fundamental, statistical and machine learning approaches
 - Data procurement (web-scraping & APIs) and management in databases
 - Development of bottom-up European gas balance and LNG ship tracking algorithm for short- and long-term trading signals
- Kantonsschule Alpenquai** 2017 - 2017
Teacher for Mathematics
 - Fixed-term contract after graduation
 - Preparing high school classes for the upcoming Matura

PUBLICATIONS

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| Electricity Market Design in Europe
Master Thesis ETH Zurich
Laboratory for Energy Conversion (LEC) | Bayes Network for Commodity Prices
Master Thesis ZHAW Winterthur
School of Engineering |
| <ul style="list-style-type: none">Integration of market price models in optimum power flow simulation framework (Python) | <ul style="list-style-type: none">Real-time fair value distribution model combining reinforcement learning, diffusion and Bayes (C#) |