



ALEXANDER GREIF



CONTACT



Phone



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Portfolio Website

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Address



SKILLS



Methodological

Data mining
Statistical modelling
Data visualization
Data storytelling
Questionnaire design
Research design
Teaching



Technical

Python
R
SQL
Spreadsheets
Git and Github
Java
Tableau
Power BI



EXPERIENCE



Data Analysis Tutor DataCraft GmbH

since Mar 2024

- Daily supervision of tutorial in one-year data analyst course.
- Assisting students with assignments, projects and review of course materials.
- Preparation and quality assurance of course materials.
- Creation and correction of tests.
- Delivery of lectures.
- Tools: Python (incl. Pandas, Matplotlib, Numpy, psycopg, SQLAlchemy, Scikit-learn, Keras), SQLite, PostgreSQL, Excel, Power BI.
- Concepts: analytical thinking, problem-solving strategies, data analysis process (e.g. data collection, data preparation, explorative and descriptive analysis, visualization), statistics, machine learning, object-oriented programming, relational databases.



Statistical consulting and tutoring Freelance, including for Novustat and Studienkreis

since Apr 2023

- Methodological consulting for academic research.
- Data analysis in academic and corporate context.
- Statistical tutoring for Bachelor's and Master's students in various disciplines (including Psychology, Business Administration, Engineering and Social Sciences).



Student Assistant Westfälische Wilhelms-Universität Münster (WWU)

Apr 2021 - Apr 2023

- Responsible for data management and analysis in various research projects at the department for "Physical Education and Teaching Research" using R, Excel and Google Sheets.
- Descriptive and inferential statistical analysis (R Studio), as well as visualization and reporting (R Markdown and PowerPoint) of observational and experimental data.
- Evaluation of seminars including questionnaire design and validation, survey implementation, data analysis and reporting.
- Statistical and methodological consulting.



Fitness Coach Topic Fitness & Wellness, Gladbeck

Jun 2016 - Apr 2022

- Helped clients from various backgrounds reach their fitness-, health- and sport-specific goals.
- Helped gain new customers and retain existing ones through strong communication and consultation.



Sports Science Intern Plymouth Argyle FC Academy

Aug 2019 - Dec 2019

- Heart rate, GPS and wellness monitoring and analysis.
- Communication of findings to coaching staff, performance staff and players.
- Helped optimize training sessions by identifying inefficient time management using GPS and heart rate data and creating a catalog of common drills along with their physical requirements. Resulted in shorter periods of inactivity and more targeted intensity management.
- Led on-field and gym-based team and individual training sessions.



LANGUAGES

➤ **Deutsch**
Native

➤ **Englisch**
Fluent

➤ **Spanish**
Basic



CERTIFICATES

➤ **Google Data Analytics**
By Google on Coursera

➤ **DFB Trainer C-Lizenz**
UEFA Grassroots

➤ **Fitnesstrainer**
B- and A-License

➤ **Certified Athletiktrainer**
By Perform Better



ACTIVITIES

➤ **Football Youth Coach**
VfB Kirchhellen U15 2017-2022

➤ **Sports**
Skateboarding, football,
fitness, cycling

➤ **Music**
Drums und guitar

➤ **Rehabilitation Coach**
Trainingszentrum Lurbiecki, Dorsten

Feb 2017 - Aug 2019

- Helped clients from a mostly clinical and elderly population reach their health and fitness goals.

➤ **Working Musician and Music Teacher**
Freelance

2006 - 2019

- Played concerts with multiple bands in various music genres.
- Gave individual and group-based drumming and band lessons.

➤ **Call Center Agent**
Ipsos Amsterdam

Aug 2014 - Jun 2015

- Planned, conducted and documented phone interviews for the purposes of market research for various corporations (e.g. Salomon).



EDUCATION

➤ **B.Sc. Mathematics and Computer Science**
FernUniversität in Hagen

since Oct 2022

- Study program "Mathematisch-technische Softwareentwicklung".
- Probability theory, linear algebra, analysis, numerical mathematics, algorithmic mathematics, graph theory, number theory.
- Object-oriented programming, data structures and algorithms, relational databases, software engineering, theoretical computer science.

➤ **M.Sc. Sports, Exercise and Human Performance**
WWU Münster (without graduation)

Oct 2020 - Mar 2023

- Scientific methodology, sports psychology, movement science, sports biology, training science, neuroscience, social science in sports.

➤ **B.Sc. Human Movement in Sports and Exercise**
WWU Münster

Oct 2017 - Mar 2021

- Final grade: 1.8.
- Thesis: „The integration of external and internal match load with contextual factors to assess training status in football” (grade: 1.3).
- For contents see M.Sc.

➤ **Bachelor of Music - Jazz Drumming**
(without graduation)
Conservatorium van Amsterdam

Sep 2012 - Aug 2014

➤ **Jazz Schlagzeug**
Glen-Buschmann-Jazzakademie

Sep 2011 - Jul 2012

➤ **Abitur**
Heisenberg Gymnasium Gladbeck

Aug 2002 - Jul 2011

- Final grade: 2.8.
- Specialization in maths and physics.

➤ **Grundschule**
Lutherschule Gladbeck

Feb 2000 - Jul 2002