



ALEXANDER
GREIF



CONTACT



Phone



Email
alexandergreif@outlook.com



Portfolio Website
<https://alexgreif.github.io>



LinkedIn
www.linkedin.com/in/alexgreif



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
PowerBI



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, PowerBI.
- 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** **Feb 2017 - Aug 2019**
Trainingszentrum Lurbiecki, Dorsten

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

➤ **Working Musician and Music Teacher** **2006 - 2019**
Freelance

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

➤ **Call Center Agent** **Aug 2014 - Jun 2015**
Ipsos Amsterdam

- 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** **since Oct 2022**
FernUniversität in Hagen

- 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** **Oct 2020 - Mar 2023**
WWU Münster (without graduation)

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

➤ **B.Sc. Human Movement in Sports and Exercise** **Oct 2017 - Mar 2021**
WWU Münster

- 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** **Sep 2012 - Aug 2014**
(without graduation)
Conservatorium van Amsterdam

➤ **Jazz Schlagzeug** **Sep 2011 - Jul 2012**
Glen-Buschmann-Jazzakademie

➤ **Abitur** **Aug 2002 - Jul 2011**
Heisenberg Gymnasium Gladbeck

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

➤ **Grundschule** **Feb 2000 - Jul 2002**
Lutherschule Gladbeck