

Marc Gehrke

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EDUCATION

- 2020 - **Westfälische Wilhelms Universität, Münster** MSc Information Systems
2023 **University of Twente, Enschede** MSc Business Information Technology
- Double Degree Program „Business Information Systems & Data Science“
 - GPA 1.9 (Germany)
 - Projects e.g. on image segmentation of satellite images (Python, Tensor Flow, SKLearn) & recommender system for generating Spotify playlists (Python, Javascript, PostgreSQL)
- 2016 - **Westphalian University of Applied Sciences, Bocholt** BSc Wirtschaftsinformatik
2019
- GPA 1.6 (Germany)
- 2008 - **St. Georg Gymnasium, Bocholt** Abitur
2016

WORK EXPERIENCE

- 2021 – **Student Research Assistant as Data Analyst, Business Management Group WWU, Münster**
2022
- Developing tools and dashboard to support research by using natural language processing techniques. (Python, Sentiment Analysis, Topic Modelling, Azure, PowerBI)
 - Scraping, cleaning, organising and analysing annual reports and investor calls.
- 2022 **Student Assistant as Software Developer, Universitätsklinikum Münster**
Re-Engineering a internal project management tool (PHP, Javascript, Docker, Figma)
- 2018 – **Junior Fullstack Webdeveloper, Business Unicorns GmbH, Recklinghausen**
2021
- Previously deployed as working student
 - Developed individual eCommerce Solution in B2B and B2C setting using PHP (Laravel), Javascript (Vue), REST & GraphQL APIs, SQL, Docker, CI/CD, Atlassian Stack
- 2018 **Student Assistant in the field of Business Intelligence, Gigaset, Bocholt**
- Conceptualized and developed a Dashboard based on external market data (Board). Created sales forecasts and competitor analyses

PROGRAMMING EXPERTISE

- 2022 **Data Science, Lecture Courses at WWU Münster**
Attended: Data Analytics I & II, Data Integration, Management Information Systems and Data Warehousing, Data Management For Machine Learning, Advanced Concepts of Software Engineering
- 2021 – **Data Analysis Projectseminar, Flaschenpost SE and ERCIS**
2022
- Conceptualizing and developing a dashboard (PowerBI) to enable analyzing the public employee image of companies.
 - Setup an Azure-Environment for central data storage (NoSQL), execution of developed web scraper and analyzing the scraped data making use of topic modelling and sentiment analyses techniques within a Databricks workspace.

SKILLS & INTERESTS

Languages	German (native), Englisch (fluent), Italian (A1)
Technologies	Python, R, SQL, PowerBI, Git, Docker, PHP, JavaScript, HTML, CSS, LaTeX
Interests	Machine Learning, Crypto-Economy, Web3.0, Endurance sport