

JACY MARMADUKE

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EDUCATION

DATA ANALYTICS PROGRAM

Career Foundry - 2023

- Intensive project-based online training program with a focus on data analysis and visual storytelling.

BACHELOR'S OF JOURNALISM

University of Nebraska-Lincoln - 2015

SKILLS

- Python
- SQL (PostgreSQL, MySQL)
- Excel
- Git & GitHub
- Power BI
- Tableau
- Google Analytics
- Data cleaning and wrangling
- Machine learning

VOLUNTEER WORK

Career coach - Imagine Foundation
(November 2022- present)

- Mentor software developers from Africa, the Middle East and South Asia seeking career advancement in Europe.
- Enhance success with personalized feedback and one-on-one meetings.

LANGUAGES

English - native

German - B1

SUMMARY

Data analyst with a background in investigative journalism and a knack for navigating complex datasets without losing sight of the big picture. Pair storytelling techniques with technical expertise to transform data into nuanced insights that guide informed decision-making.

PROJECTS

GERMAN RENT ANALYSIS

- Designed a data-based guide to apartment hunting in Germany, uncovering useful insights for renters from thousands of web-scraped listings and independently compiled population data.
- Tools: [Python](#) // [Tableau](#)

FLU SEASON STAFFING RECOMMENDATIONS

- Crafted tiered, state-level recommendations for hospital staffing support during flu season based on historic flu mortality data and population demographics.
- Tools: Excel, [Tableau](#)

EXPERIENCE

DATA JOURNALIST - THE COLORADOAN

Fort Collins, Colorado (U.S.)

August 2015 - July 2022

- Combined data with in-depth research and interviews to contextualize issues such as [COVID-19 spread](#), [public policy](#) and [illegal air pollution](#) and guide policymakers in evidence-based decision-making.
- Increased online readership of the local government and environment beats by over 150% and drove thousands of new subscriptions.
- Pursued public records, interviewed experts and analyzed data in Excel to relay the repercussions of unchecked water use on public lands, producing an [interactive investigation](#) that enhanced understanding of the American water crisis.