

Friedrich Maximilian “Max” Burk

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DoB: 04/10/2001

Data Science graduate from the University of California, Berkeley. I possess German, American, and Swiss citizenship, speak German and English fluently, and have a passion for statistics and analytics and using my global and analytical perspectives to positively influence decision-making.

Professional Experience:

Smartmieter

Munich/Stuttgart, Germany

Founder

October 2024 - Heute

- Created the website smartmieter.com using *React*, *OpenAI API*, und *Html*. Integrated OpenAI API in order to provide rental consultations to renters
- *AWS* implementation, in order to facilitate communication between renter and landlord pertaining to rental issues
- Intensive *sales* and *business organization/planning*.

Deloitte

Munich, Bavaria

Analyst

June 2024 - December 2024

- Created an AI anonymizing tool in order to process client data in line with European data privacy laws
- Programmed an AI analysis tool, which classified import/export products based on their “Zoll” ID (tax implications), while also labelling by certainty, allowing auditors to save significant time by focusing on less obviously identifiable products.

Finish My Fit

Berkeley, CA

Founder

February 2023 - Spring 2024

- Created the Alpha website FinishMyFit.com with Python, HTML, & PyScript. Incorporated GPT-3 into the website to create a functioning Alpha which suggested outfits consisting of affiliate clothing based on gender & occasion.
- Did Market research, created Business Plans, prepared Pitch Decks & much more.

Porsche Digital (PDI)

Atlanta, GA

Data Analytics Intern

May 2022 - August 2022

- Cleaned and analyzed chatbot data, providing statistics to determine renewal of contracts worth over \$500,000 using *Python* and *Microsoft Office Applications*. Provided key findings and failures in chatbot & ways to improve.
- Presented key findings in Chatbot data, as well as ways to improve the bot, in both English & German
- Identified & displayed KPIs of PDI products(Finder, MyPorsche, etc.) using *Tableau*, *Google Data Studio*, and *Google Analytics*

Academic Experience (Coursework & Activities)

Data Science Student

University of California, Berkeley

GPA: 3.5, ACT: 36

2019-2023

- Data 8 - The Foundations of Data Science, CS 61A - Structure and Interpretation of Computer Programs, CS 61B - Data Structures, Data 100 - Principles and Techniques of Data Science, Data 140 - Probability for Data Science, Data C102 - Data, Inference, and Decisions, Data C104 - Data Ethics, among others.
- Sigma Nu - Executive committee member.
 - Risk Mitigation Chairman - Implemented accountability systems which identified positive covid cases - no outbreaks occurred in house during term. Sober brother for events & ensured patrons returned home safely
 - External Chairman - Coordinated with multiple other organizations in planning a semester of events with proper city and fire permits. Managed budget of over \$15,000
- Elected representative of Unit 4 residence hall - represented approximately 1000 students, debating and voting on budget allocation for over \$100,000
- Member of Discovery Project with Zulu Forest Sciences/Ecosystems
- CS 88 CSM-Mentor, Data 8 Course Staff

Hobbies:

Soccer, reading, running, hiking, and automating solutions for everyday tasks. Fun fact: I programmed a bot to change my social media passwords every week in order to help limit distractions and maximize productivity.