Friedrich Maximilian "Max" Burk

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DoB: 04/10/2001

Data Science graduate from the University of California, Berkeley. I 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 - Present

- 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.