STEVEN KERR

CONTACT ME

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SKILLS SUMMARY

Skills
R (Passed LinkedIn Skills Assessment, Top 5%)
Python/Jupyter Notebook
SQL
Data Cleaning (tidyr, dplyr, pandas, numpy)
Data Visualization (ggplot, matplotlib, plotly)
Git/GitHub/Version Control
Command Line/Bash
Machine Learning (sklearn)
Shiny Apps/Dashboards
Web-scraping (HTML/CSS/XML)
API Requests
MS Office Suite

Languages
English (Native)
Spanish (B2)
German (B1)
French (B1)

PROJECTS

- Detecting COVID-related fake news with NLP (2022))
- Validating COVID Self-Tests with ML Image Recognition (2021)
- Interactive Map of UK COVID Cases by Age Group (2021)
- Time Series Analysis of Foreign Exchange Rates on Foreign Trade (2019)

RELEVANT COURSEWORK

- Data Structures & Algorithms
- Applied Econometrics
- Machine Learning
- Mathematics for Data Science
- Causal Inference

PERSONAL PROFILE

MSc Data Science for Public Policy candidate at the Hertie School in Berlin. I'm passionate about leveraging data science to solve social problems

EDUCATIONAL HISTORY

MSc Data Science for Public Policy
The Hertie School | Berlin, Germany | Sep 2021 - May 2024

- Interdisciplinary program focusing on applying data science to societal contexts
- Receiving merit-based partial tuition waiver

BA Economics (with honors)
Pepperdine University | Los Angeles, USA | Aug 2015 - Apr 2019

- Thesis involved a time series analysis of currency markets' impact on foreign trade

WORK EXPERIENCE

Junior Data Scientist
CPC Analytics | Berlin, Germany | Jun 2022 - May 2023

- Working with clients to develop, initiate, and implement new projects in the field of global health, particularly pandemic preparedness and response
- Conducting landscape analyses on policy initiatives in global health, understanding financial flows, and assessing implications of recommendations made by policy actors on an ongoing basis

Procurement Analyst
U.S. Space Force | Los Angeles, USA | Aug 2019 - Jul 2021

- Negotiated with launch service providers (ex. SpaceX) to support $800 National Security Space Launch program
- Performed data analyses and drafted reports to present decision-makers with viable options during negotiations
- Built dashboard to monitor key program metrics

Research Assistant
Pepperdine University | Los Angeles, USA | May 2017 - Aug 2017

- Performed quantitative and qualitative analysis of university effectiveness regarding issues of diversity

PUBLICATIONS

Laurenson-Schafer H, Sklenovská N, Hoxha A, **Kerr SM**, Ndumbi P, Fitzner J, et al. Description of the first global outbreak of mpox: an analysis of global surveillance data. The Lancet Global Health. 2023 Jul; 11(7):e1012-e1023. doi:10.1016/S2214-109X(23)00198-5.