STEVEN KERR

CONTACT

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PROJECTS

- Finetuned LLM Chatbot (2023)
- Network Analysis of EU Procurement (2023)
- Text Analysis of News Coverage of Israel-Hamas War (2023)
- Detecting COVID-related Fake News with NLP (2022)
- Validating COVID Self-Tests with Computer Vision (2021)

SKILLS

- Python
- R
- SQL
- Git/GitHub/GitLab
- Command Line/Terminal/Bash
- Machine Learning
- Shiny Apps/Streamlit/Dashboards
- Web-scraping
- API Requests

LANGUAGES

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

EDUCATION

The Hertie School **Sep 2021 - Jun 2024**
MSc Data Science for Public Policy

- Receiving merit-based partial tuition waiver
- Current Grade: 1.6 (scale 1-6, 1 = best)

Pepperdine University **Aug 2015 - Apr 2019**
Bachelor of Economics (with honors)

- Thesis: "Effects of Foreign Exchange Rates on US-Japan Trade Relations"
- Final Grade: 3.7/A- (scale 0-4, 4 = best)

WORK EXPERIENCE

Mercator Research Institute (MCC) **Jan 2024 - Present**
Student Researcher

- Working with the Applied Sustainability Science Group to enhance evidence synthesis through the development of a living map of scientific literature on climate change and human health
- Developing both supervised and unsupervised machine learning models to correctly identify and categorize scientific literature on climate change and human health using Python

The Hertie School **Aug 2023 - Jan 2024**
Teaching Assistant

- Led weekly lab sessions for the Introduction to Data Science course to demonstrate hands-on application of course concepts
- Educated students on key data science tools and programming languages, such as GitHub and R
- Prepared course materials detailing best practices for collecting, cleaning, and analyzing data

CPC Analytics **Jun 2022 - May 2023**
Junior Data Science

- Assisted the WHO Pandemic Hub in developing the 2022-23 Mpox (Monkeypox) Outbreak: Global Trends Shiny application using R to inform both WHO decision-makers and the wider public
- Assisted in the development of an R-based tool using PubMed data that enables users to perform automated bibliometric analyses of health-related topics

PUBLICATIONS

Mpox in Children and Adolescents during Multicountry Outbreak, 2022-2023 **Oct 2023**

Hoxha A, **Kerr SM**, Laurenson-Schafer H, Sklenovská N, Mirembe B, Nezu I, et al. Mpox in Children and Adolescents during Multicountry Outbreak, 2022–2023. Emerging Infectious Diseases. 2023 Oct ; 29(10):2125-2129. doi:10.3201/eid2910.230516.

Description of the First Global Outbreak of Mpox **Jun 2023**

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.