

Sebastian Dodt (he/him)

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EDUCATION

Carnegie Mellon University, Heinz College, Pittsburgh, United States Aug 2021 – May 2023

M.S. in Public Policy, Management and Data Analytics (GPA: 4.2/4.3)

A highly selective STEM certified program that includes robust coursework in data mining & machine learning, statistics & modelling, and programming. 50% of classes are taken in the CMU School of Computer Science.

SOAS University of London & London School of Economics, London, United Kingdom Sep 2018 – Jun 2021

B.A. in International Relations at SOAS, minor in Data Science at LSE (Degree: First Class Honours)

SKILLS

Technical	Data Analytics (Python/R/SQL): Spark, Django API, web scraping, GIS, Seaborn, Postgres/Oracle Machine Learning: Deep Learning in PyTorch, NLP, image processing, predictive analytics, calculus User Interface: JavaScript React, CSS, Adobe InDesign, AfterEffects, Premiere Pro, WordPress
Languages	English (native equivalency), German (native), French (intermediate), Spanish (basic)

PROJECTS

Managing COVAX data analytics pipeline by the WHO [R, Python, PySpark] May – Aug 2022

- Performed data analytics tasks on vaccine supply and administration as a lead data science consultant
- Streamlined data pipeline by automating data ingestion with API calls, developed a recursive data cleaning algorithm, integrated external pipelines, refactored code base to reduce run time from 15 min to 1 min

Predicting food insecurity with machine learning [Python, PyTorch, GIS, publication pending] Jan – Dec 2022

- Collaborated with UN OCHA on developing a deep learning pipeline for food insecurity predictions in Somalia

PROFESSIONAL EXPERIENCE

Dalberg Data Insights, Kampala, Uganda May – Aug 2022

Data Science Intern – Development Consultancy

- Managed and optimised the COVAX data analytics pipeline of the World Health Organization [R, Spark]
- Build a model to predict poverty using telecommunication data for a large East African bank [ML, PyTorch]
- Built an AWS S3 API adapter for a dashboard for the government of Tanzania [Django API, JavaScript]
- Developed a chatbot and [website](#) for an anonymous sexual reporting tool [CSS, NLP, WordPress]

Good Data Initiative, Cambridge, United Kingdom May 2021 – Present

Part-time Analyst – Think Tank

- Leading a team of five to organize [Citizens Assemblies](#) with the goal of democratising digital policy

Mission of Liechtenstein to the United Nations, New York City, NY Jun – Aug 2019

Peace and Security Intern

- Drafted Security Council speeches, briefings, and reports for the ambassador and foreign ministry
- Prepared long-form reports on global crises to brief the head of state ahead of their General Assembly visit

SERVICE & LEADERSHIP

JFCS Pittsburgh, Volunteer with newly arriving Afghan refugees Nov 2021 – Present

ThamesReach Homeless Organization London, Rapid Response Team Volunteer Sep 2020 – Jul 2021

SOS Children's Villages, Tutor for unaccompanied Afghan refugees Sep 2016 – Mar 2017

Refugee Camp Kaiserslautern, Volunteer Jan 2014