

# Derek Taylor

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## WORK EXPERIENCE

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### Beyond Words Studio (<https://beyondwordsstudio.com/>)

Oct. 2022 – Present

*Data Analytics and GIS Specialist / US Business Developer*

*London, UK*

- As a data analyst for the data journalist and design firm Beyond Words Studio my roles include:
  - Collecting, cleaning, analyzing data to design physical data visualizations, including a map presented at an installation for the Bill Gates Foundation
  - Processing data with the pandas python package and PostgreSQL in search of compelling data stories within large datasets
  - Creating interactive, online data visualizations and maps to contribute to our data stories
- For my role as US Business Developer, I have developed a US business strategy plan for Beyond Words Studios, and facilitate conversations between the studio, city governments, and universities in the United States

### Goudappel (<https://www.goudappel.nl/en>)

June 2018 – June 2022

*Data Scientist and GIS Specialist / US Policy Researcher*

*Amsterdam, Netherlands*

- As a data scientist for the Dutch transportation firm Goudappel I was responsible for:
  - Collecting, cleaning, analyzing, and visualizing real-world data from Dutch and international municipalities (including Amsterdam, San Francisco, and Gothenburg) using advanced python, SQL, and GIS techniques to present social, transportation, and environmental data
  - Improving data collection systems, utilizing python web scraping libraries and RESTful API's to access hard to reach datasets, fully automating the collection and cleaning process
  - Transforming technical and complex data outputs from transportation models into interactive and visually stimulating visualizations to better inform stakeholders in the planning process
- As as US Policy Researcher my roles included:
  - Creating a strategic framework for the Dutch transportation system using academic literature and professional guidance.
  - Presenting the framework described above at the Dutch Consulate in San Francisco, Dutch Mobility Week in Los Angeles, Dutch Mobility Week in the Puget Sound, and to representatives in the German Bundestag

### Terner Center, UC Berkeley (<https://ternercenter.berkeley.edu/>)

Jan. 2017 – May 2018

*Research Assistant*

*Berkeley, California*

- Developed a survey to analyze land use regulations in California with Professor Carolina Reid
- Facilitated feedback from land use housing experts and other stakeholders
- Prepared a report and submitted to the California Department of Housing and Community Development to supply data and research in support of the housing crisis in California

## EDUCATION

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### University of California, Berkeley

Dec. 2017

*Bachelor of Science: City Planning, Geospatial Information Systems and Technology*

*Berkeley, California*

- GPA 3.85, College of Natural Resources High Distinction
- Studied urban design in Copenhagen, Denmark during spring 2016 semester (Copenhagen University)

## CERTIFICATIONS, SKILLS, LANGUAGES & INTERESTS

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- **Certifications:** CS50x: CS50's Introduction to Computer Science (HarvardX), Algorithms Specialization (Stanford Online)
- **Skills:** Python, RESTful API, PostgreSQL, QGIS, ArcGIS, Javascript, Blender, Microsoft Office, Adobe Suite
- **Languages:** English (Native Language), French (B2), Dutch (B2)
- **Interests:** Biking, surfing, playing drums, saunas, and jumping into cold bodies of water