

Jonathan Kent, PhD

Data Scientist

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jonathanjkent.github.io



Experience

Niche Analytics

Founder & Chief Data Scientist

Barcelona, ES & Zürich, CH

February 2020 - Present

- Builds sports data and analytics tools to improve athlete performance, enhance scouting and projection, and enrich the knowledge and experience of supporters. Public projects include the websites Futstat.cat and KBOfancystats.com.

ETH Zürich

Academic Guest

Zürich, CH

April 2023 - April 2024

- Conducted research under Prof. Dr. Ulrik Brandes, deepened quantitative methodological skills, and developed a research agenda to investigate comeback dynamics in soccer.

Pompeu Fabra University

Doctoral Researcher & Teaching Assistant

Barcelona, ES

January 2019 - November 2024

- Used machine learning and Bayesian multilevel regression modeling to investigate the influence of urban land use on a range of outcomes including attitudes, human mobility, and mosquito populations.

The Raben Group

Political Strategy & Communications Consultant

Washington, DC & New York, NY, USA

June 2010 - July 2017

- Counseled leaders of NGOs, foundations, and major corporations to achieve long-term public policy goals through political activity, coalition building, and media campaigns.

Obama for America

Coordinator of Out-of-State Volunteers

Philadelphia, PA, USA

October 2008 - November 2008

Office of U.S. Congressman Peter Welch

Press Assistant

Washington, DC, USA

May 2008 - June 2010

Education

Pompeu Fabra University

PhD in Political & Social Sciences

Barcelona, ES

October 2018 - November 2023

- Dissertation: "Urban Fabric Designed for Diversity: How the Structure of Great European Cities Influences Attitudes and Behavior" DOI:10803/690032

Pompeu Fabra University

Master in Current Democracies: Nationalism, Federalism & Multiculturalism

Barcelona, ES

October 2017 - June 2018

Northeastern University

Bachelor of Science in Political Science

Boston, MA, USA

September 2003 - May 2008

Academic Publications

Kent, J. (2024). Does urban design drive sympathy for the far right? *City, Culture and Society*, 36, 100553.

DOI:10.1016/j.ccs.2023.100553

Rodon, T. & **Kent, J.** (2023). Geographies of EU dissatisfaction: Does spatial segregation between natives and migrants erode the EU project? *Journal of European Public Policy*, 1-18. DOI:10.1080/13501763.2023.2271504

Kent, J. (2022). Can urban fabric encourage tolerance? Evidence that the structure of cities influences attitudes toward migrants in Europe. *Cities*, 121, 103494. DOI:10.1016/j.cities.2021.103494

Working Papers:

"A Machine Learning Approach to Predicting Human Encounters with Tiger Mosquitoes in Europe"

"Improving the Gravity Model of Human Mobility with Land Use Data & Machine Learning"

"Beware the Two-Goal Lead: The Truth Behind the Most Dangerous Lead in Soccer"

Skills & Traits

- Talented and enthusiastic R programmer (statistical modeling, visualization, geo-spatial data, Shiny)
- Experienced in Python, SQL, Julia, data visualization, web design, and database management
- Native English speaker and learner of German, Catalan, and Spanish
- Excellent writer and editor
- Creative problem solver and critical thinker
- Fast and eager learner
- Passionate about improvement
- Distance running enthusiast and aspiring sub-3:00 marathoner