

# SHUNYA KIMURA

**Status:** PhD Researcher at the Geospatial Analytics and Computing Group, University College London  
**Field:** Social Data Science, Spatial Analysis  
**Techs:** R, HiveQL, BigQuery SQL, Python, Git, Quarto

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## EDUCATION

**PhD in Human Geography** - University College London

Sep. 2021 - Present

- **Project:** *Unveiling At-Risk Neighbourhoods: A Typology of Online Gambling Behavior in Great Britain Using Large-Scale Consumer Data.*
- **Funding:** Bloomsbury and East London Doctoral Training Partnership (UBEL DTP) Economic and Social Research Council (ESRC) Studentship; co-funded by GambleAware.

**BA Geography with Quantitative Methods (1st Class)** - University College London

Sep. 2018 - Aug. 2021

- **Relevant Modules:** Introduction to Quantitative Research Methods (73%), Geocomputation (68.5%), Data Analysis (74.5%), Mining Social and Geographic Datasets with Python (80.9%), etc..
- **Independent Work:** Dissertation (74%) employed GPS-data analysis to empirically investigate the usage of dockless e-bikeshare system in London; conducted several spatial and statistical analysis techniques, including DBSCAN, KDE clustering and multilevel negative binomial regression; nominated for the 2021 Transport Geography Research Group Undergraduate Dissertation prize.
- **Advanced Data Analysis:** Have experience with analysing randomized experiments; observational causal inference methods; quasi-experimental methods; and with panel data methods.

## CONFERENCES AND TALKS

**Bristol Hub for Gambling Harms Research Joint Hybrid Seminar** - Oral presentation

Mar. 2024

- *Unveiling Online Gambling Behaviour: A Descriptive Analysis of Consumer Data.* The recording and slides are available on [the github link](#).

**GIS Research UK (GISRUK) Glasgow** - Oral presentation

Apr. 2023

- The slides are available on [the github link](#).
- Kimura, S., Van Dijk, J.T., and Longley, P.A. *The Use of Consumer Data to Explore Geographic and Social Variations in Online Gambling.* Proceedings of the 31st Conference of GIS Research UK (GISRUK). Glasgow: University of Glasgow. doi: 10.5281/zenodo.7828456.

**GIS Research UK (GISRUK) Glasgow** - Co-author

Apr. 2023

- Winner of the Best Paper Award
- Todd, J., Kimura S., O'Brien, O., and Cheshire, J. *Dominant Trip Purposes within a Dockless Bicycle Sharing System in London.* Proceedings of the 31st Conference of GIS Research UK (GISRUK), Glasgow: University of Glasgow. doi: 10.5281/zenodo.7828473.

**CDRC Data Partner Forum 2022 Oxford Saïd Business School** - Oral presentation

Nov. 2022

- *A Classification of Online Gambling Behaviour in Great Britain.* The slides are available on [the github link](#).

**GIS Research UK (GISRUK) Liverpool** - Oral presentation

Apr. 2022

- Winner of the CASA Prize for Best Paper in Spatial Analysis. The slides are available on [the github link](#).
- Kimura, S., Longley, P. A., and Van Dijk, J.T. *Exploring the spatial disparities in gambling risk and vulnerability.* Proceedings of the 30th Conference of GIS Research UK (GISRUK). Liverpool: University of Liverpool. doi: 10.5281/zenodo.6407146.

## PROFESSIONAL EXPERIENCE