

# Ayan-Yue Gupta

[dm18378@bristol.ac.uk](mailto:dm18378@bristol.ac.uk)

Research Interests: Computational Social Science, Governmentality, Natural Language Processing, Pragmatics, Philosophy of Language, Discourse Analysis

## *Education*

---

### **PhD Sociology (Submitted)**

University of Bristol – School of Sociology, Politics and International Studies

September 2018 – Present

### **MA Fine Art**

University College London – Slade School of Fine Art

September 2014 – September 2016

### **BA Art History and Philosophy**

University of Leeds

September 2011 – July 2014

## *Academic Work Experience*

---

### **Graduate Teacher**

University of Bristol – School of Sociology, Politics and International Studies.

September 2019 – Present

I have taught the following undergraduate sociology and politics modules:

- Introduction to the Sociology of Culture
- Thinking Sociologically (Introductory sociology module)
- Doing Social Research (Ethics and methodology module)
- Political Concepts (Political philosophy module)
- Thinking Politically (Introductory politics module)

## *Publications & Conferences*

---

Abstract submitted: Gupta, A. (2023). Computational Foucauldian Analysis: BERT as a Tool for Examining Governmental Discourse. *Political Studies Association Annual Conference*.

Gupta, S., Allen, R., Basu, M., Durão, F., Gupta, A., Katsarka, M., Scholler, A., Seed, J., Tu, P. (2020). *Social Analysis and the Covid-19 Crisis*. Routledge: London.

Gupta, S. & Gupta, A. (2019). 'Resilience' as a Policy Keyword: Arts Council England and Austerity. *Policy Studies*, DOI: 10.1080/01442872.2019.1645325

## *Skills*

---

**Computer Languages:** Python, R, SQL, SPSS syntax

**Tools:** transformers, PyTorch, SpaCy, NetworkX, scikit-learn, SciPy, numpy, statsmodels, matplotlib, seaborn, NLTK, SPSS

## *Art*

Before starting my PhD I was a practising artist in London

---

Commissioned by General Electric to produce 5 looping animations visualising the Internet of Things as a system of autonomous machines in which each machine can communicate and harvest data from each other and use that data to continuously update themselves and the objects they manufacture:  
[https://ayanyuegupta.github.io/immortal\\_machine.html](https://ayanyuegupta.github.io/immortal_machine.html) September 2018 – June 2019

## *Exhibitions*

---

Traces, Workhouse Studios	2017
A Somersault and a Back Flip, Workhouse Studios	2016
Art Attack App Winter Exhibition, Crypt Gallery	2016
Housework, Workhouse Studios	2016
MA/MFA/PHD Degree Show, Slade School of Fine Art	2016
Interim Show, Slade School of Fine Art	2015
ING Discerning Eye, Institute of Contemporary Art	2014
Gaze, Espacio Gallery	2014
Contrasts, Espacio Gallery	2014
Spectacle, Vyner Street Gallery	2013

## *Awards & Residencies*

---

Zarakes Residency	2016
Jeremy Cubitt Prize for Excellence in Painting, Slade School of Fine Art	2015