

## Alexandros Efstratiou CV

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### Profile

Computational social scientist (social psychology and behavioural science) with interests in intergroup processes and decision-making. I apply these concepts to studying misinformation (and general information processing) and polarization online in the interdisciplinary field of computational social science.

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### Core skills and competencies

- Experimental and survey design
  - Frequentist statistics & machine learning for large-scale text analysis
  - Behavioural intervention design
  - Research methods evaluation
  - Expertise in dual-process theories of decision-making & risk perception
  - Computational social media analysis
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### Education

#### PhD in Cybersecurity

Sep 2020 - Present

University College London (UCL), London, UK

Supervisors: Prof. Emiliano De Cristofaro, Dr Tristan Caulfield

My research looks at intergroup interaction/polarization dynamics and how they affect the spread of misinformation.

*Assignments completed:* Systematic review on effectiveness of staff training for secure behaviour | Research project on public perception of scientific consensus during COVID-19 | Literature review on factors of misinformation adherence | Essay on economics of privacy

#### MSc in Behavioural Science (Distinction – 79.2)

Sep 2019 – Sep 2020

Durham University, Durham, UK

*Key skills developed:* Behavioural intervention design, intervention evaluation, decision-making theory, cognition of information processing

*Relevant modules:* Behavioural Insights for Public Policy | Advanced Topics in Behavioural Science | Power and Influence | Applied Statistics | Critical Analysis | Dissertation on leadership biases in Equality, Diversity and Inclusion

#### BSc in Psychology (First Class Honours – 78.85, GPA 4.25)

Sep 2016 – June 2019

University of East Anglia, Norwich, UK

*Relevant modules:* Research Design and Analysis (I & II) | Psychology of the Individual | Social and Developmental Psychology | Cognitive and Biological Psychology | Social Perception and Behaviour | Psychology of Risk | Brains, Minds, and Machines | Research Project on negotiations

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## Relevant experience

### Behavioural science practice intern

*Ogilvy UK, London, UK*

**July 2019**

### Research intern

*UEA School of Psychology, Norwich, UK*

**June – July 2018**

The project focused on dyadic interactions in negotiation settings.

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## Other experience

### Senior ambassador

*UEA Award, Norwich, UK*

**Sep 2017 – June 2019**

Delivered workshops and talks on professional development.

### Advocacy Assistant

*UEA Students' Union, Norwich, UK*

**Oct 2017 – June 2019**

Provided support to postgraduate students.

### Second lieutenant

*Cypriot National Guard*

**July 2014 – July 2016**

Platoon commander and director of my battalion's Administration office.

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## Publications

Efstratiou, A., Blackburn, J., Caulfield, T., Stringhini, G., Zannettou, S., & De Cristofaro, E. (2023). Non-polar opposites: Analyzing the relationship between echo chambers and hostile intergroup interactions on Reddit. *To appear at the 17<sup>th</sup> International AAAI Conference on Web and Social Media (ICWSM '23)*.

Efstratiou, A., & De Cristofaro, E. (2022). Adherence to misinformation on social media through socio-cognitive and group-based processes. *Proceedings of the ACM on Human-Computer Interaction (CSCW2 2022)*.

\*Hughes, J. P., Efstratiou, A., Komer, S., Baxter, L. A., Vasiljevic, M., & Leite, A. C. (2022). The impact of risk perceptions and belief in conspiracy theories on COVID-19 pandemic-related behaviours. *PLOS One*, 17(2), e0263716.

\*Joint first author.

## Conference talks

Efstratiou, A., & Marcinko, A. J. (2021). The leader oversight bias in justice and hypocrisy evaluations of organisational diversity practices. *Academy of Management Annual Proceedings*, 2021(1).

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## Service

- Shadow reviewer, S&P 2023
- Secondary reviewer, WWW 2023
- Reviewer, ICWSM 2023
- Reviewer, CSCW 2023
- Shadow reviewer, NDSS 2023
- Shadow reviewer, IMC 2022
- Shadow reviewer, ICWSM 2022

## Teaching

### **Teaching Assistant (Evidence for Decision-Making)**

*UCL, MPA course, London, UK*

Delivered guest lecture on executing search strategies

**September 2022 – January 2023**

*November 29<sup>th</sup>, 2022*

### **Guest Lecture on Sunk Cost Fallacy (Social Cognition)**

*Durham University, BSc Psychology course, Durham, UK*

**November 2019**

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## Awards & Honors

- Kurt Lewin prize as top performer in the 2019-2020 MSc Behavioural Science cohort at Durham University
  - British Psychological Society Prize for Outstanding Undergraduate Degree Performance as top performer of the BSc Psychology cohort at UEA in all three years of study
  - UEA School of Psychology prize for best dissertation project
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