Todd Davies - Resume

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Education

PhD Candidate in Competition Law - UCL, UK   **September 2022 → July 2025**

I'm pursuing a PhD in Competition Law at University College London under the supervision of Prof. Ioannis Lianos, Dr. Deni Mantzari, and Dr. David Murrell (Ecology). My research, funded through a UCL Faculty Research Scholarship, looks at competition law through the lens of complexity economics, political economy and mathematical ecology.

M.Sc. Politics and Technology - Technische Universität München, DE   **Oct 2019 → March 2022**

Grade: 1.3 (UK first class equivalent)

Politics and Technology is a political science degree which examines the reciprocal relationship between technology and society. I oriented my studies around corporate power and competition law. My masters thesis, entitled *"Computing Competition with Agent-Based Models"*, used techniques from the field of complexity economics to model anti-competitive market structures. It received the highest grade (1.0). I studied on a part-time (66%) basis alongside my work at Google.

B.Sc. (Hons) Computer Science - University of Manchester, UK   **Sept 2013 → Jun 2016**

Grade: First Class (including a first in every course taken throughout the degree).

I was awarded the Head of School Prize for "Outstanding contribution to the life of the School of Computer Science".

Kirkham Grammar School, UK   **Sept 2006 → Jun 2013**

I attained 4 'A' grades at A-level (in Mathematics, Physics, Biology and General Studies).

Publications

Zero Price, Zero Competition: How Marketization Fixes Anticompetitive Tying in Monetized Markets

Presented to the main track of the Academic Society for Competition Law (ASCOLA) 2021 conference.[1]

Reconceiving Big Tech: Decentralizing the Industry to Align Incentives and Maximize Total Welfare

Winner of "Best Student Article" in the Concurrences Antitrust Writing Awards 2021.[2]

Employment

Google - Software Engineer Level 4 - Munich, DE   **December 2016 → April 2022**
- Software Engineer on the Password Manager team at Google Munich.
- I worked across the whole stack, mostly in Java and TypeScript.
- Hosted four interns, all of which have gone on to start successful careers as software engineers.
- Member of the Works Council (Betriebsrat) of the Munich office.
- Worked part time since October 2019 to accommodate my university studies.

Teaching

UCL Faculty of Laws - Graduate Lecturer - London, UK   **October 2022 → Present**
- Teaching tutorials on the *"Introduction to Competition Law and Consumer Protection"* course (3rd year LLB, 2023/4).
- Teaching tutorials on the *"Laws Connections"* introductory course (1st year LLB, 2023/4).
- Taught tutorials on the *"Law, Economics and Society"* course (3rd year LLB, 2022/3 academic year).
- Supervised one master's thesis.
- Academic advisor for fifteen LLB (bachelors) students.

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[1] Available at https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3868332
[2] https://awards.concurrences.com/en/awards/2021/student-articles/

Conferences, Events and Invited Talks

- Talk (09/2023): Presented a talk about competition law and AdTech at the UK's Competition and Markets Authority.

- Talk (09/2023): Presented a talk about competition law and AdTech at Privacy International.

- Talk (06/2023): Discussant for Eleanor Fox's talk at UCL, "*Big Platform Debate: Do we need new rules to rein in Big Tech, and do we need new modes to rein in divergent rules?*"

- Event (06/2023): Attended the Law and Political Economy in Europe 2023 Summer Academy in Rotterdam.

- Event (01/2023): Attended the Winter Workshop on Complex Systems 2023 in Amsterdam.

- Event (09/2022): Attended the Legal Priorities Summer Institute 2022 in Oxford, a week-long residential programme on legal research into existential risk and the long-term future.

- Conference (10/2021): Oral presentation of my master's thesis "Computing Competition with Agent-Based Models" at the Econophysics Colloquium at the 2021 Conference on Complex Systems, Lyon.

- Conference (10/2021): Poster presentation of my master's thesis "Computing Competition with Agent-Based Models" at the 2021 Conference on Complex Systems, Lyon.

- Conference (06/2021): Oral presentation of "Zero Price, Zero Competition: How Marketization Fixes Anticompetitive Tying in Monetized Markets" in the main track of the Academic Society for Competition Law (ASCOLA) 2021 conference.

Other

- I lead the Law and Political Economy group at University College London, which includes a monthly reading group for students, monthly social meetup for researchers, and hosting talks.

- In the Summer of 2022, I was a Research Assistant at the Technical University of Munich. The project, funded by the Economic Security Project, examined the relationship between state aid which incentivises industry investment and the growing levels of market concentration in the United States and the European Union.

- Attended the School of Political Economy's "*Introduction to Political Economy and Economics*" 2022 Summer course.

- 2021 "Think Digital" Stipendium (scholarship) recipient.

- Completed the *"Introduction to Complexity"* and *"Introduction to Agent-Based Modeling"* courses from the Santa Fe Institute.

- Attended the Anti-Monopoly and Regulated Industries (AMRI) Summer Academy run by the Law and Political Economy Project (affiliated to Yale Law School).

- Second Dan black belt in Shotokan Karate, qualified instructor, and a member of the 2014/15 England Karate Squad.

Languages

- English (native)

- German - A2 level

- French - A2 level