

Todd Davies - Resume

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Education

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

Current grade average: 1.3

I am currently writing my masters thesis on how techniques from the field of complexity economics can be used to model anti-competitive market structures. I study on a part-time (66%) basis alongside my work.

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

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

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. Pending submission to a journal¹.

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



Winner of “Best Student Article” in the Concurrences Antitrust Writing Awards 2021².

Employment

Google - Software Engineer Level 4 - Munich, DE **December 2016 → Present**

- Software Engineer on the Password Manager team at Google Munich.
- I work 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.

Other

- 2021 “Think Digital” Stipendium (scholarship) recipient.
- Successfully 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).
- Attendee of the Young Munich Security Conference 2020, where alongside other students and young professionals, I spent three days discussing various foreign policy and security issues with experts from the Munich Security Conference.
- Second Dan black belt in Shotokan Karate, qualified instructor, and was a member of the England Karate Squad in 2014/15.
- While studying, I completed five software engineer internships. Twice at Google, once at Morgan Stanley, and twice more at smaller web development agencies.

¹Available at https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3868332

²<https://awards.concurrences.com/en/awards/2021/student-articles/>