Jeremy Vollen

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Education

University of New South Wales   2021- Present
Ph.D., Computer Science

University of Zürich   2019-2020
Graduate-level Coursework in Informatics (Economics and Computation; Advanced Topics in EC)

Rice University (GPA 3.93)   2013-2017
B.A., Computational & Applied Mathematics (GPA 3.93)
President's Honor Roll; Magna Cum Laude; BP Supply & Trading Scholarship

Research Interests

Algorithm design, algorithmic game theory, social choice, market design

Publications

Coordinating Monetary Contributions in Participatory Budgeting
Haris Aziz, Sujit Gujar, Manisha Padala, Mashbat Suzuki, Jeremy Vollen**.** Working Paper 2022.

Misc. Research
Biroli, Pietro, Steven Bosworth, Marina Della Giusta, Amalia Di Girolamo, Sylvia Jaworska, and Jeremy Vollen. "Family life in lockdown." Frontiers in Psychology. 2020.

Biroli, Pietro, Steven Bosworth, Marina Della Giusta, Amalia Di Girolamo, Sylvia Jaworska, and Jeremy Vollen. "Framing the Predicted Impacts of COVID-19 Prophylactic Measures in Terms of Lives Saved Rather Than Deaths Is More Effective for Older People." IZA Discussion Paper Series. 2020.

Hledik, Ryan, Judy Chang, Roger Leuken, Johannes Pfeifenberger, John Imon Pedtke, and Jeremy Vollen. "The Economic Potential for Energy Storage in Nevada." Prepared for Public Utilities Commission of Nevada and Nevada's Governor's Office of Energy. 2018.

Invited Talks

Centre for Mathematical Social Sciences Summer Workshop
Auckland, New Zealand

AI-OPT: Workshop on AI-based Optimisation.
Melbourne, Australia

Service

Reviewer for *AAMAS*   2022
Reviewer for *Social Choice and Welfare*   2022

Professional Experience

University of Zürich, Pre-doctoral Research Fellow   2019–2021

Survey design, data pipeline, econometrics, and causal inference in health economics

The Brattle Group, Research Analyst   2017–2019
Constrained optimization, power market simulation, project management

Skills

Technical Skills
R, Python, MATLAB, Java, Stata, LaTeX

Languages
English (native), Spanish (intermediate)