Lehan Zhang

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EDUCATION

ETH Zürich, Zürich Switzerland   Aug. 2024 -
PhD in Economics and Data Science

- Chair of Prof. Elliott Ash in the Law, Data Science, and Economics group at the Center for Law & Economics
- Research interests: culture, identity, media, mental health and wellbeing

University of New South Wales (UNSW), Sydney Australia   Feb. 2022 - Apr. 2023
B. Economics (Honours) (Econometrics) | Honours Class 1

- Recipient of the Gail Kelly Honours Award for Business, a $20,000AUD scholarship awarded on the basis of all-round academic achievement and leadership

University of New South Wales (UNSW), Sydney Australia   Feb. 2018 - Dec. 2021
B. Data Science and Decisions (Quantitative Data Science) | with Distinction

- Statistics major with coursework in mathematics, computer science, and economics
- Undergraduate student representative on the Faculty of Science Equity, Diversity, and Inclusion working group

EXPERIENCE

UNSW Resilient Democracy Lab   Apr. 2023 - Aug. 2024

***Affiliated Research Fellow**, Aug. 2024 -*

***Research Fellow**, full-time*
- Conducting independent economics research and joint research with senior Lab fellows for publication
- Prepare replication reports for Institute for Replication (I4R) meta-analysis on terrorism and politics
- Academic tutor (2022 - 2024) for ECON3106 Politics and Economics (tutor-in-charge 2023), ECON3124 Behavioural Economics, ECON2111 Developmental Economics, ECON1401 Economic Perspectives, ECON1202 Quantitative Analysis for Economics, COMM5000 Data Literacy for Business
- Administrative tasks including maintaining the research lab website and organizing research workshops

UNSW School of Economics   Oct. 2020 - Apr. 2023

Research Assistant
- RA work for Prof. Pauline Grosjean on data visualization, textual analysis, and data cleaning for various projects, including *Grosjean, Masera, and Yousaf (2023), QJE* and *Partriarcapitalisme* (2021)
- Undergraduate Research Fellow of the UNSW Resilient Democracy Lab- building the lab website and summarizing research for showcase on the website
- RA work for A.Prof. Jane Zhang on writing ethics applications, conducting literature review, co-designing an experimental project on mental health and technology, building the experimental treatment mobile application and qualtrics survey, managing logistics of the pilot implementation of experiment

headspace Australia   May 2021 - Jul. 2023

Youth National Reference Group Member
- Advisor on national public engagement, media and brand strategy and development, governance, and risk and assurance for the the National Youth Mental Health Foundation, established by the Australian Government
- Selected to present *symposium* on lived experience and economic research applied to youth mental health at the IEPA 14th International Conference on Early Intervention in Mental Health, Lausanne Switzerland 2024
- Public advocacy media features on cultural identity and mental health in an *Australia-wide campaign*, invited speaker on *SBS Insight*, a current affairs TV program, and SBS news articles (*web*, radio, and TV)
- Drafted submissions to the Australian Goverment Senate inquiry on ADHD and the National Mental Health Commission
- Consultant on *Digital Safety in the Metaverse* with Meta and Project Rockit
- headspace Australia representative at the International Association of Youth Mental Health conference in Copenhagen, Denmark 2022. Awarded financial bursary from IAYMH to attend

Quantium   Feb. - Apr. 2023

Graduate Data Analyst, *full-time*
- Data analyst in the data management team of global data science and AI company utilizing SQL and Python to maintain database and draw business insights from Woolworths Group data
- Resigned to focus on pursuing career as an academic economist

Lehan Zhang Photography   Jan. 2017 - Present

Freelance Photographer | *View portfolio here*
- Provide reportage and social photography services to private and corporate clients including the 4A Center for Contemporary Asian Art, Belvoir Street Theatre, UNSW Sydney, Gonski Institute
- Managing editor of Australian music and entertainment media publication *Music Beyond Headlines*, coordinating a team of 10+ photographers and writers across three Australian states to produce industry-standard content
- Contributing music photographer to publications and venues including Roundhouse UNSW, FBi Radio, AAA-Backstage
- Portrait and fashion photography published in magazines including Picton Magazine, Sheeba Magazine, Leiden
- 1 of 11 chosen from over 1300 applicants for a 6-month photography mentorship with Canon Australia in their inaugural Red Straps youth mentoring program in 2019

New South Wales Ageing and Disability Commission   Jan. 2021 - May 2021

Project Officer Intern, *part-time*
- Internship placement within the Strategy and Communications team
- Projects: setting up SQL database infrastructure, data analytics and communication to create marketing and quantitative collateral for external stakeholders, develop project briefs for multicultural community engagement and promotion of the rights of older people and adults with disability

Toyota Finance Australia   Jun. 2020 - Dec. 2020

Data Science Intern, *full-time*
- UNSW Co-op Scholarship sponsored industry placement within the Data Science and Risk Management team
- Projects: predictive modeling in R and PowerBI to monitor customer retention trends, designed and built a competitor pricing engine using webscraping in Python for KINTO car rental service

UNSW Founders   Jul. 2019 - March. 2022

Program Coordinator, *part-time*
- Develop, designed, and delivered entrepreneurial programs to UNSW students, staff, and alumni
- Managed the Higher-Degree Research Program supporting graduate research students commercialize their research innovations (2022), and the New Wave Program for promoting female engagement in entrepreneurship and within the startup space (2019)
- Developed an effective marketing strategy to recruit female participation in the New Wave program, resulting in the largest cohort since program inception
- Facilitate and deliver design thinking, rapid prototyping, and lean canvas workshops

PROJECTS

Adding Fuel to the (Gun)Fire: How Politicians Polarize the Public Debate   *Working paper* 2025

with Gabriele Gratton, Pauline Grosjean, and Hasin Yousaf
- Presentations: 2023 Econometric Society Australiasian Meeting (August, 2023); 2nd Resilient Democracy Lab Workshop (March, 2024); ETH Zurich CLE Brown Bag Seminar Series (November, 2024)

The Political Supply of Tribalism   Honours Thesis

Supervised by Prof. Gabriele Gratton and Prof. Pauline Grosjean
- Sole thesis in cohort recommended for publication, revised co-authored version above | *Read thesis here*

Visible Artist's Noticeboard   May - Jul. 2023

Mixed-media installation, exhibited at Bankstown Arts Center
- Commissioned for visible Australia's Western Sydney project, a creative collaboration between artists and young Australians experiencing mental health challenges to share their story as visual advocacy

Genderbility Ongoing

Community engagement zine project

- Lived-experience informed community zine project about neurodiversity and gender, collating qualitative research findings conducted through the University of Sydney Brain and Mind Center in conjunction with headspace Camperdown
- Recipient of the Future Me Fund from Wear it Purple Australia 2023

Honours and Extracurriculars

- Winner of the Australian Financial Review/Gradconnection Top100 Future Leaders Award in 2020 for the AECOM Mechanical and Electrical Engineering Award
- Board Director of Arc@UNSW and Chair of Nominations and Remunerations Subcommittee, the non-for-profit overarching organization for student experience and support services at UNSW (2019 - 2021)
- Student representative on the UNSW Center for Ideas advisory committee (2020 - 2022)
- Youth advisory group member for headspace Camperdown (2019 - 2023)
- Football Coach of the Randwick City Football Club's non-for-profit Purple Hearts all-abilities squads (2019 - 2020)
- Women's Premier League (WPL) football player, Australian Capital Territory (2015 - 2017 seasons)

Skills

Programming Languages:

Python, Stata, R, SQL, C

Certifications:

Standard Mental Health First Aid Certificate Australia (issued 2019)