Dorian Christoph Quelle

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Working Experience

04/2022 – present	**Pattrn.AI** Data Scientist & Disinformation Analyst
	▪ Quantitative Reporting on Foreign-State Disinformation for Senior Policymakers
	▪ Setting up Automated Workflows for Analysts using Machine Learning
	▪ Real Time Foreign State Media Analysis & Reporting with LLMs
10/2021 – 04/2022	**Programme on Democracy & Technology** Researcher
	▪ Reporting on Foreign-State Disinformation & Alternative News Outlets for Senior Policymakers
06/2021 – 08/2021	**D-fine** Intern Financial Modelling and Insurances
06/2018 – 09/2018	**PricewaterhouseCoopers** Intern Forensic Services
08/2017 – 09/2017	**Rwandan Ministry of the Economy (RDB)** Intern Analysing Export Opportunities in Europe

Education

10/2022 – present	**University of Zurich** PhD Candidate
	▪ Quantitative Network Science Group – Department of Mathematics Prof. Alexandre Bovet
10/2022 – present	**University of Oxford** Research Associate
	▪ Project Professor: Scott Hale
10/2021 – 10/2022	**University of Oxford** MSc Social Data Science, Oxford Internet Institute
	▪ Grade: Distinction
01/2017 – 01/2021	**Zeppelin University Friedrichshafen** Bachelor in Corporate Management & Economics
	▪ GPA 3.9/4.0, German Grade: 1.1, Ranked Top 2%
08/2019 – 12/2019	**University of California Berkeley**
	▪ GPA 4.0/4.0, German Grade: 1.0, Ranked Top 1%
06/2019 – 07/2019	**London School of Economics** Summer School Machine Learning in Practice
10/2015 – 07/2016	**University of Constance** Department of Physics

Academic Publications & Presentations

10/2022	**Indo-Pacific Information Operations Roundtable – Conference Presentation**
	▪ Convergence of Chinese & Russian Propaganda in Ukraine
11/2020	**Monash Business Behavioural Laboratory Symposium**
	▪ Investigating Bottom-Up and Top-Down Processes of Visual Attention
Forthcoming	**The Tower of Babel:** An Analysis of the Coverage of the Ukraine War Across RT and Sputnik
	▪ Presenting American Political Science Association Sept 2023
Forthcoming	**Who Sets the (Mis)information Agenda?** An Analysis of Social Media Communication
	▪ Presentation IAMCR Lyon23, Poster Presentation at IC2S2'23 Copenhagen
Forthcoming	**Variations in misinformation across languages** and the impact for transfer learning
	▪ Poster Presentation at IC2S2'23 Copenhagen

Research & Teaching Experience

06/2020 – 09/2020	**Research Internship** Chair of Marketing, Zeppelin University
01/2020 – 12/2020	Tutor for **Mathematics for Economics** (undergraduate & graduate level)
01/2020 – 06/2020	Tutor for **Applied Statistics with R**
01/2019 – 06/2019	Tutor for **Econometrics**
09/2018 – 06/2019	Tutor for **Mathematics**
09/2018 – 12/2018	**Research Assistant** Chair of Empirical Finance and Econometrics, Zeppelin University

Skills

Languages	**German**: Native, **English**: Fluent TOEFL: 120/120 (Top 1%) GRE 169/170 (Top 1%),
	French: Intermediate (B2), **Spanish**: Intermediate (B2)
Technical	**Python**, **R** advanced, **MATLAB, SPSS** intermediate, **NLP** intermediate, **SQL** intermediate
	Web Scraping advanced, **LaTeX/Markdown** advanced, **ML (PyTorch, TensorFlow, Keras)** intermediate, **Efficient Computing (Cython, Numba, Multiprocessing)** intermediate