Jan-Philipp Fränken

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janphilippfranken.github.io

Education

University of Edinburgh, PhD in Computational Cognitive Science. September 2019–December 2022
Advised by Neil Bramley and Chris Lucas

University College London, MSc in Cognitive and Decision Sciences. September 2018–August 2019
GPA: 77.8/100, Distinction, Dean's List

Maastricht University, BSc in Psychology. September 2015–July 2018
GPA: 8.98/10, Distinction, Honors

Universitas Surabaya, Exchange. August 2017–January 2018
GPA: 4.0/4.0

Research Experience

Stanford University, Postdoc in Cognitive Science and AI. February 2023–present
Advised by Tobias Gerstenberg and Noah Goodman

Visiting Scholar, UC Berkeley. September 2022–December 2022
Advised by Steven Piantadosi

Researcher, City, University of London. March 2019–December 2020
Advised by Dimitris Pinotsis (City) and Alan Jasanoff (MIT)

MSc Researcher, University College London. September 2018–August 2019
Advised by David Lagnado (UCL) and Toby Pilditch (Oxford)

Research Assistant, Maastricht University. March 2016–June 2018
Advised by Henry Otgaar

Awards and Scholarships

Stanford HAI-Google Funding ($85,000). **August 2023**
PIs: Noah Goodman, Tobias Gerstenberg. Team: Jan-Philipp Fränken, Kanishk Gandhi

Visiting Researcher Scholarship, UC Berkeley ($5,000). **September 2022**

PhD Scholarship, German Academic Scholarship Foundation (€68,800). **December 2019**

ESRC Studentship, Scottish Graduate School of Social Science (£5,000). **September 2019**

Skills and Languages

- **Programming languages**: Python (PyTorch, Langchain, NumPy, Matplotlib, wandb), R (lmer, brms, afex), NetLogo, MATLAB, JavaScript, HTML, CSS.
- **Machine learning and statistics**: Bayesian models, natural language processing, Monte Carlo methods, causal inference, program induction, information theory, regression, clustering, classification, hypothesis testing, model fitting, optimisation.
- **Research skills**: Experimental design, model development, data collection, data analysis, data visualisation, report writing.
- **Languages**: Native/bilingual proficiency: English, German. Beginner: Bahasa Indonesia.