

# Jan-Philipp Fränken

## Curriculum Vitae

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 [GitHub](#)

## Education

12/2019 – **PhD**, *Cognitive Science*, Bramley Computational Cognitive Science Lab, University of present Edinburgh, Edinburgh – United Kingdom.

09/2018 – **MSc**, *Cognitive and Decision Sciences*, University College London, London – United Kingdom.

Overall grade: 78/100 (distinction, dean's List 2018/2019)

09/2015 – **Bachelor (BSc)**, *Psychology*, Maastricht University, Maastricht – Netherlands.

07/2018 Overall grade: 8.98/10.00 (distinction, honours, MaRBL)

08/2017 – **Exchange**, *Psychology and Marketing*, Universitas Surabaya, Surabaya – Indonesia.

01/2018 Grade: 4.0/4.0

## Academic Work Experience

09/2019 – **Teaching Assistant**, University of Edinburgh (School of Philosophy, Psychology & present Language Sciences), Edinburgh – United Kingdom.

Best tutor award 2020/21 (£100)

03/2019 – **Graduate Research Assistant**, Pinotsis Computational Neuroscience Lab (Centre for 12/2019 Mathematical Neuroscience and Psychology), City – University of London, London – United Kingdom.

03/2016 – **Undergraduate Research Assistant**, Otgaar Forensic Psychology Lab (Forensic Psy- 07/2018 chology Section), Maastricht University, Maastricht – Netherlands.

10/2016 – **Teaching Assistant**, Maastricht University (Faculty of Psychology and Neuroscience), 06/2018 Maastricht – Netherlands.

## Publications

**Fränken, J. P.**, Pilditch, T. (2021). Cascades Across Networks Are Sufficient for the Formation of Echo Chambers: An Agent-Based Model. *JASSS*. [[pdf](#)] [[git](#)]

**Fränken, J. P.**, Theodoropoulos, N. C., Moore, A.B., Bramley, N. R. (2020). Belief revision in a micro-social network: Modeling sensitivity to statistical dependencies in social learning. *In Proceedings of the 42nd annual conference of the cognitive science society*. [[pdf](#)] [[git](#)] [[osf](#)]

Otgaar, H., Wang, J., **Fränken, J. P.**, & Howe, M. L. (2018). Believing does not equal remembering: The effects of social feedback and objective false evidence on belief in occurrence, belief in accuracy, and recollection. *Acta Psychologica*, 191, 271-280. [[pdf](#)] [[osf](#)]

#### Working papers:

**Fränken, J. P.**, Bramley, N. R. Algorithms of Adaptation in Inductive Inference. [[abstract](#)] [[git](#)]

Bricault, S., **Fränken, J. P.**, Jasanoff, A. P., & Pinotsis, D. A. Studying individual variability of brain connectivity using fMRI and optogenetics. [[git](#)]

#### Poster Presentations:

**Fränken, J. P.**, Valentin, S., Lucas, C. G., Bramley, N. R. (2021) Know your Network: Sensitivity to Structure in Social Learning. *In Proceedings of the 43rd annual conference of the cognitive science society*. [[abstract](#)]

#### ————— Awards and Scholarships

12/2019– **The German Academic Scholarship Foundation.**

present Germany's most prestigious merit-based scholarships awarded to top 0.5 percent of students. Includes full funding for PhD at the University of Edinburgh (fees and monthly stipend)

09/2019– **ESRC fees-only 3.5 MRes/PhD Award**, Scottish Graduate School of Social Sciences,  
12/2019 University of Edinburgh - United Kingdom.  
£4,327

08/2017– **Travel Award**, Maastricht University, Maastricht - Netherlands.  
01/2018 €500

#### ————— Professional service

04/2019– **'Political Cognition' Seminar Series Organizer**, University College London, London  
08/2019 - United Kingdom.

#### ————— Computer Skills

**Modelling / statistics** Python, R, SPSS, NetLogo, MATLAB, SPM

**Web development** AWS, Box2D, CSS, Flask, HTML5, Git, Javascript, react.js, node.js, socket.io

**Misc** Microsoft Office, L<sup>A</sup>T<sub>E</sub>X

#### ————— Languages

**English** Fluent

**German** Native

**Indonesian** Basic