

FLORIAN MOHNERT

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EDUCATION

- MSc. Artificial Intelligence**, *University of Amsterdam*, current GPA: 8.2/10 09.2017 - 08.2019
- Coursework includes: Machine Learning 1 & 2, Natural Language Processing, Reinforcement Learning, Information theory, Deep Learning, Unsupervised Language Learning, Computer Vision, Information Retrieval, Multi-Agent Systems
 - Thesis: "Optimal Goal Setting for Bounded Agents."
 - Supervisors: Falk Lieder (MPI for Intelligent Systems), Herke van Hoof (Amsterdam Machine Learning Lab)
- Minor Mathematics & CS**, *University of Hong Kong (Exchange) & University of Groningen* 09.2016 - 07.2017
- Coursework: Probability theory, Linear Algebra, Multivariable Calculus, Neural Networks, Data Visualization
- BSc. Psychology**, *University of Groningen*, GPA: 8.4/10 09.2014 - 07.2017
- Specialization: Cognitive Psychology and Statistics
 - Thesis: "A graphical modelling approach to study behavioral interventions on household energy usage."
 - Supervisors: Dr. Casper Albers, Dr. Linda Steg
- Honors Program**, *University of Groningen*, GPA: 8.5/10 09.2015 - 07.2017
- 45 additional credits of interdisciplinary courses and projects
 - Offered to top 10% of students across all BSc. programs
- Abitur** (German High school certificate), *Gymnasium Johanneum, Hamburg* 09.2006 - 08.2014

PUBLICATIONS

1. Whats in the Adaptive Toolbox and How Do People Choose From It? Rational Models of Strategy Selection in Risky Choice. Florian Mohnert, Thorsten Pachur and Falk Lieder. *Under review*.
2. Under the hood: Using diagnostic classifiers to investigate and improve how language models track agreement information. Mario Giulianelli*, Jack Harding*, Florian Mohnert*, Dieuwke Hupkes and Willem Zuidema (2018). *In proceedings of 1st EMNLP workshop Analyzing and interpreting neural networks for NLP. Best paper award.*
3. Using a Gaussian Graphical Model to Explore Relationships between Items and Variables in Environmental Psychology Research. Nitin Bhushan, Florian Mohnert, Lise Jans, Daniel Slood, Casper Albers and Linda Steg. *Under review*.

* These authors contributed equally.

EXPERIENCE: RESEARCH

- Internship: Research**, *Max Planck Institute for Intelligent Systems, Tübingen* 07.2018 - 10.2018
- Building resource rational models of strategy selection as models of human decision making in risky choices.
 - Supervision: Dr. Falk Lieder
- Research Assistant**, *University of Groningen, Department of Statistics* 01.2016 - 09.2017
- Research topic: Time series analyses of Household Energy consumption data in the NL.
 - Methods : Classical time series methods (ARIMA & VAR models), Hidden Markov Models
 - Supervision: Dr. Casper Albers, Nitin Bhushan
- Research Assistant**, *University of Groningen, Department of Social Psychology* 09.2015 - 09.2016
- Research topic: Two experiments on Norm development in chat conversations, more specifically the effect of subtle signals on perceived sexism.
 - Supervision: Dr. Namkje Koudenburg

EXPERIENCE: OTHER

- Teaching Assitant: Natural Language Processing 1**, *University of Amsterdam* 10.2015 - now
- Teaching two tutorial sessions each week and providing guidance for research projects.
- Internship: Data Science**, *Sowiso Amsterdam* 07.2017 - 09.2017
- Sowiso: E-learning platform for Mathematics and other Exact Sciences.
- Volunteer Teacher**, *Wadduwa, Sri Lanka* 07.2015 - 09.2015
- Taught English and math in a Buddhist temple.

SKILLS

Programming (> 3 years of regular use)	Python, Matlab, R, Bash, git, L ^A T _E X
Programming (familiar with)	Javascript (esp. D3.js), SQL, HTML/CSS
Deep Learning	PyTorch, Keras
Spoken Languages	German (native), English (fluent), Dutch (proficient)