FlorianWanders

Passionate About Machine Learning
Even More Passionate About the Engineering Behind It

social media

- florianwanders.github.io
- in/florianwanders
- @florianwanders
- florianwanders
- 4798582/flo

languages

- English ★★★★★
- German ★★★★★
- Dutch ★★★★☆

programming

- PySpark ★★★★★
- Python ★★★★★
- R ★★★★★
- SQL ★★★★★
- git ★★★★⯪
- RegEx ★★★★☆
- HTML ★★★★☆
- CSS ★★★☆☆

scheduling

- Oozie ★★★★★

dashboarding

- Tableau ★★★★★
- Shiny ★★★★★
- Dash ★★★⯪☆

reporting

R Markdown and Jupyter Notebooks,
- both ★★★★★
- LaTeX ★★★★★

design

- GIMP ★★★★★
- Inkscape ★★★★☆

hobbies

contemporary ballet
urban dance
bikepacking
running
reading

experience

Since 2019	**Reporting Analyst**	Booking.com

Core driver behind the vision toward a scalable backend for global reporting on operational and commercial metrics.
- ▸ Refactored and automated key ETL pipelines in Python and PySpark.
- ▸ Implemented code review and unit testing to guarantee correct KPIs.
- ▸ Supported colleagues with 1on1 sessions, trainings, and workshops.

Engineering Side Project — Booking.com

Delivered a dashboard that helps investigate potential partner fraud.
- ▸ Identified the needs, vision, and technology to host the dashboard in the wider ecosystem and lead the project from one MVP to the next.
- ▸ Outcomes: Python dashboard on Kubernetes that interfaces with MySQL databases, refreshes with near-life data, and is protected by authorization.

2018 - 2019   **NLP Side Project**   University of Helsinki, University of Amsterdam, University of Tilburg

Co-developed a website that helps researchers find questionnaires.
- ▸ Analytics: NLP-based recommender system, network modeling.
- ▸ Outcomes: Shiny app, Docker container, academic publication.

2015 - 2020   **PhD Candidate Behavioral Science**   University of Amsterdam

Designed and analyzed experiments for causal inference on the topic of social hierarchies. Taught bachelor- and master-level statistics courses.
- ▸ Analytics: General linear models, multilevel models, Bayesian statistics, numerical simulations, sequential analyses (preregistered).
- ▸ Outcomes: Academic publications and presentation of results on national and international conferences.
- ▸ Distinctions: Attended selective summer institutes in behavioral economics and computational social science. Prize for best data poster.

education

since 2015   **Data Science MOOCs**   Johns Hopkins University, Duke University, deeplearning.ai

Getting and Cleaning Data, Exploratory Data Analysis, Reproducible Research, Regression Models, Statistical Inference, Bayesian Statistics, Practical Machine Learning, Deep Learning, Web Design.

2010 - 2015   **Statistics Courses**   University of Amsterdam, University College Utrecht

Multivariate Analysis, Multilevel Modeling, Structural Equation Modeling, Network Analysis.

2013 - 2015   **M.Sc.** (cum laude)   University of Amsterdam

Research Master Psychological Methods & Statistics.

2010 - 2013   **B.Sc.** (honors program, cum laude)   University College Utrecht

Cognitive Neuroscience, Methods & Statistics.

volunteering

2019	Journal club on **open & reproducible science**.	University of Amsterdam
2018 - 2019	Volunteer for **CorrelAidXnl** and **DataMission**.	CorrelAidXnl, DataMission
2016 - 2019	**PhD representative** for academic and social events.	University of Amsterdam