

# Florian Maas

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 GitHub	<a href="https://github.com/fpgmaas">github.com/fpgmaas</a>
 StackOverflow	<a href="https://stackoverflow.com/users/8037249/florian">stackoverflow.com/users/8037249/florian</a>

“Florian combines excellent numerical/analytical skills with very good communication, collaborative and social skills. A rare and valuable combination at that level. Talented, skilled, energetic and positive.”

- Ton Van Keken, SVP Operations at Interface

## Work Experience

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nov 2021 - present	<b>Senior Data Scientist Logistics &amp; Data Engineer</b> at IKEA <ul style="list-style-type: none"><li>Designing, developing &amp; deploying Operations Research models and the corresponding API's and cloud infrastructure on GCP to improve picking performance in IKEA stores worldwide.</li><li>Main contributor to the shared repository within D&amp;A Logistics, and added features such as automated documentation and deployment to Artifactory through CI/CD.</li></ul> Python · Terraform · Docker · GCP · Google Cloud Run · BigQuery · Flask · React · JavaScript · GitHub Actions
jan 2018 - oct 2021	<b>Data Scientist</b> at VodafoneZiggo <ul style="list-style-type: none"><li>Designed, developed &amp; deployed machine learning models (Gaussian Mixture Models, Gradient Boosted Forests) on datasets containing over 2 billion records per day to improve HFC network performance.</li><li>Guided interns and juniors in their on-boarding and their work.</li><li>Set coding standards for the team and developed a repository with common utilities for all teams within Advanced Analytics.</li></ul> Python · PySpark · Flask · AWS · AWS Glue · Elastic Beanstalk · GitLab CI/CD
nov 2014 - feb 2017	<b>Data Scientist Supply Chain</b> at Interface <ul style="list-style-type: none"><li>Responsible for the introduction, development, and deployment of a variety of algorithms and applications concerned with optimizing stock levels, predicting demand and warehouse design.</li><li>Business Lead Planning &amp; Procurement for the implementation of JDE Manufacturing</li></ul> R · Shiny · QlikView
sep 2012 - oct 2014	<b>Teaching assistant</b> at Erasmus School of Economics Preparing tutorials and assisting students during workshops, grading assignments and exams for the BSc-1 and BSc-2 courses Precalculus, Applied Statistics 2 and Matrix Algebra 2.

## Education

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2013 - 2014	<b>Econometrics and Management Science, MSc, Cum Laude</b> Erasmus University Rotterdam, Rotterdam Specialization: Operations Research and Quantitative Logistics Thesis: The Flexible Delivery Problem with Time Windows ( <a href="#">link</a> ) GPA: 8.6/10
2010 - 2013	<b>Econometrics and Operations Research, BSc</b> Erasmus University Rotterdam, Rotterdam Minor: Computer Science Major: Quantitative Logistics GPA: 8/10

## Technical Skills

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Programming languages	Python · JavaScript · R · HTML · CSS
Cloud tools	GCP · AWS · Terraform
Web development	Gatsby · React · Flask · SASS
Visualization	Plotly · D3
Operations Research	CPlex · Gurobi
Querying languages	SQL · GraphQL
Others	Git · CI/CD · Docker · PySpark · LaTeX

## Open Source Projects

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cookiecutter-poetry	☆ 90   A command line interface to generate the file structure for a Python project that uses Poetry for its dependency management. ( <a href="#">link</a> )
simple-homepage	☆ 50   A command line utility that helps you create a simple static homepage for your browser, built with Python and Jinja2. ( <a href="#">link</a> )

## Certifications

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2018	<b>Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization</b> by Deeplearning.ai on Coursera <ul style="list-style-type: none"><li>• 100% score</li></ul>
2018	<b>Bayesian Statistics: From Concept to Data Analysis</b> by University of California, Santa Cruz on Coursera <ul style="list-style-type: none"><li>• 99.3% score</li></ul>
2015	<b>Practical Machine Learning</b> by Johns Hopkins University on Coursera <ul style="list-style-type: none"><li>• 100% score</li></ul>

## Other

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- In the top 1.5% of users on [StackOverflow](#) with over 1.1 million people reached.