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“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, Senior Vice President Operations at Interface**

## Technical Skills

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<b>Programming languages</b>	Python · PySpark · JavaScript · TypeScript · R
<b>GCP</b>	BigQuery · CloudRun · Compute Engine · Cloud Storage · Artifact Registry
<b>AWS</b>	S3 · EC2 · Glue · ECR · EBS · Lambda · CodeCommit · CodeBuild · DynamoDB
<b>Infrastructure-as-Code</b>	Terraform · AWS CDK
<b>Web development</b>	Gatsby · React · Flask · SASS · HTML · CSS
<b>Visualization</b>	Plotly · D3
<b>Operations Research</b>	CPlex · Gurobi
<b>Others</b>	Git · Github Actions · Airflow · Docker

## Work Experience

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- oct 2022 - present    **Lead Analytics Engineer (Freelance)** at Cadran Analytics · *FD Gazelle 2022*
- Leading the introduction & development of a standardized technical way of working on Azure to ensure quality and consistency across solutions for all customers
  - Mentoring other developers to increase the maturity of the internal development team
- oct 2022 - jan 2023    **Senior Data Engineer (Freelance)** at NN Investment Partners
- Responsible for the development & deployment of a variety of ETL and CRUD applications and the corresponding infrastructure on the AWS platform.
- nov 2021 - oct 2022    **Senior Data Scientist Logistics** at IKEA
- Responsible for the development & deployment of Operations Research models to improve picking performance in IKEA stores worldwide.
  - Deployed the cloud infrastructure for the optimization algorithms on GCP using Terraform.

- jan 2018 - oct 2021 **Data Scientist** at VodafoneZiggo
- Designed, developed & deployed machine learning models (Gaussian Mixture Models, Gradient Boosted Forests) on datasets containing over 2 billion records per day to improve HFC network performance.
  - Guided interns and juniors in their development and in their day-to-day work.
  - Set coding standards for the team and developed a repository with common utilities for all teams within Advanced Analytics.
- nov 2014 - feb 2017 **Data Scientist Supply Chain** at Interface
- Responsible for the introduction, development, and deployment of a variety of algorithms and applications concerned with optimizing stock levels, predicting demand and warehouse design.
  - Business Lead Planning & Procurement for the implementation of JDE Manufacturing
- sep 2012 - oct 2014 **Teaching assistant** 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 **Econometrics and Management Science, MSc, Cum Laude**  
Erasmus University Rotterdam, Rotterdam  
Specialization: Operations Research and Quantitative Logistics  
Thesis: The Flexible Delivery Problem with Time Windows ([link](#))  
GPA: 8.6/10
- 2010 - 2013 **Econometrics and Operations Research, BSc**  
Erasmus University Rotterdam, Rotterdam  
Minor: Computer Science  
Major: Quantitative Logistics  
GPA: 8/10

## Open Source Projects

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- cookiecutter-poetry ☆ 142 | A command line interface to generate the file structure for a Python project that uses Poetry for its dependency management. ([link](#))
- depty ☆ 111 | A command line utility to check for obsolete, missing and transitive dependencies in a Python project. ([link](#))
- simple-homepage ☆ 57 | A command line utility that helps you create a simple static homepage for your browser, built with Python and Jinjaz. ([link](#))

## Other

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- In the top 1% of users on [StackOverflow](#) with over 1.4 million people reached.