

RODEL VAN ROOIJEN

Tech Lead & Data Scientist

📍 Utrecht, the Netherlands
☎ On request
@ On request

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s On request

WHO AM I?

- Extensive experience in bringing Machine Learning (ML) solutions into a production setting.
- Writing production grade code using Python.
- Data pipeline orchestration using Apache Airflow.
- Working experience with various ML training (Dask, SKLearn, XGBoost, TensorFlow) and serving libraries (MLFlow, TensorFlow)



Check out my [website](#) to learn more about me.

EXPERIENCE

- | | |
|--|---|
| 1/2021 – present | Technical Team Lead (Machine Learning) & Data Scientist
full-time
Adyen N.V. |
| <ul style="list-style-type: none">• Leading a multidisciplinary team focusing on bringing Machine Learning based solutions to production. Aimed at optimisation of payment conversion, cost and reducing chargebacks.• Managing a team of 6 Data Scientists and 2 Software Engineers. Responsible for growing the team, supporting personal growth goals and performance evaluation.• Coordinated the design and architecture of an Experimentation framework, servicing multiple teams internally to run experiments. <p>Python / Spark / Dask / SQL / Looker</p> | |
| 7/2019 – 12/2020
1 year and 6 months | Senior Data Scientist
full-time
Adyen N.V. |
| <ul style="list-style-type: none">• Mentoring a team of Data Scientists and Product Analysts to create and productionize machine learning solutions to boost payment conversion rates and reduce fraud (RevenueAccelerate).• Grew the team from 3 Data Scientists and Product Analysts to 8.• Built and implemented a reinforcement learning framework to optimize the conversion rate of payments, while reducing the amount of fraud. <p>Python / Spark / SQL / Looker</p> | |
| 7/2018 – 7/2019
1 year | Data Scientist & Business Intelligence Engineer
full-time
Adyen N.V. |
| <ul style="list-style-type: none">• Managed, created and improved ETL pipelines using Spark and Airflow, laying the building blocks of Adyen's Big Data Platform. This platform is built for various purposes, e.g. training machine learning models, creating insights and running analysis on big data sets.• Developed and built a machine learning based product: AutoRescue. This product intelligently retries failed subscription payments at a later time to ensure highest recovery rates. <p>Python / Spark / SQL / Looker</p> | |
| 6/2017 – 6/2018
1 year and 1 month | Data Scientist
full-time
ING Bank N.V. |
| <ul style="list-style-type: none">• Developing machine learning models aiming to predict client behaviour (e.g. mortgage prepayment and savings withdrawal).• Coordinating across all ING locations to unify machine learning methodology for Asset and Liability Management (ALM). <p>Python / R / Spark / SQL</p> | |

6/2016 – 7/2018 1 year	Associate Data Scientist full-time <ul style="list-style-type: none"> • Validation and model risk assessment of machine learning models used to predict client behaviour, forecast interest rate risk and used for capital calculations. • Responsible for writing a high quality report on model risk measurements across all ING locations, aimed for the Executive Board and Risk Management committees. Python / R / MATLAB / SQL	ING Bank N.V.
12/2015 – 6/2016 6 months	Graduate Intern intern Graduate Internship applications of time series forecasting in Credit Risk. Python / MATLAB	Rabobank

EDUCATION

2014 – 2016	Master of Science in Stochastics and Financial Mathematics <ul style="list-style-type: none"> • Specialized in Probability Theory and (Applied) Statistics. • Written a research paper on the pricing of barrier options through computational methods. • Graduated on a research internship topic in Credit Risk Modelling at Rabobank. 	University of Amsterdam
2011 – 2014	Bachelor of Science in Mathematics <ul style="list-style-type: none"> • Completed a Minor programme in Econometrics and Mathematical Economics. • Graduated on a research project on the Exponential Random Graph model. 	University of Amsterdam
2005– 2011	Pre-university Education	Het Baken Park Lyceum

LANGUAGES

Dutch - native
English - fluent

HOBBIES

Table Tennis, Casual Gaming, AI for Automating Games

VOLUNTEERING

Helping out with organizing summer camps for kids with a refugee background.