Gertjan **van den Bos**

DATA SCIENTIST

Utrecht area - The Netherlands

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Skills

DATA SCIENCE

- Time Series, Forecasting, Anomaly Detection, Classification, Regression, Graph Analysis, Data Wrangling, Data Visualization, Dashboarding, Process Automation

LANGUAGES

- R (advanced): i.a. dplyr, tidyr, ggplot2, shiny, forecast, caret, purrr, data.table
- Python (intermediate): i.a. pandas, numpy, sklearn, dash, TensorFlow, Keras, PySpark

APPLICATIONS

- RStudio, Jupyter Notebook, Git Bash, SQL Developer, SAS EG

Experience

ING Bank N.V. - Financial Crime & RegTech Analytics
2019 - present

DATA SCIENTIST · *Amsterdam*

- Part of a medium sized team of data scientists (15 FTE), working on projects within the (global) ING Financial Crime & Regtech domain

ING Bank N.V. - Finance Analytics
2016 - 2019

DATA SCIENTIST · *Amsterdam*

- Involved in setting up the Finance Analytics Center-of-Expertise, to exploit data for improved financial decisions
- Part of a small team of data scientists (2-3 FTE), working as internal consultants on projects within the (global) ING Finance domain
- Development of a pipeline of R packages for data cleaning, time series forecasting and interactive dashboarding for end-users
- Support the ING Finance Academy to provide training to Finance colleagues in Amsterdam, Brussels, Frankfurt and New York

ING Bank N.V. - Arrears Department
2014 - 2015

DATA SCIENTIST · *Amsterdam*

- Development and incremental improvement of several customer classificaton models, using machine learning methods in R
- Performing data analysis for the testing of new propositions for customers in arrears, using A-B testing in pilots
- Creating new interactive tools for the call employees to increase insight into the financial situation of individual customers

ING Bank N.V. - Arrears Department
2013 - 2014

GRADUATE INTERN · *Amsterdam*

- Research for my MSc Thesis on the application of Continuous Risk Management to reduce risk costs

Education

Go Data Driven
2016 - 2017

DATA SCIENCE ACCELERATOR PROGRAM

- Combines in-depth and hands-on lectures with practical workshops to improve data science skills and knowledge
- Capstone project: detect potential iPhone fraud on Marktplaats using scraped web data and images

Delft University of Technology
2011 - 2014

MSC (CUM LAUDE), TRANSPORT, INFRASTRUCTURE & LOGISTICS · *GPA: 8.5*

- Specialization: Engineering - Transport, Logistics & Supply Chains
- Thesis: Continuous Risk Management of Customers, Application at the ING Arrears Department
- Honours Programme: Swedish Transport & Logistics Systems

KTH Royal Institute of Technology in Stockholm
2011 - 2012

ERASMUS EXCHANGE IN TRANSPORT SCIENCE · *GPA: 9.3*

- Five courses during the first semester (37.5 ECTS) as part of my MSc Honours Programme

Delft University of Technology
2008 - 2011

BSC (CUM LAUDE), TECHNICAL POLICY MANAGEMENT · *GPA: 8.7*

- Domain: TIL - Transport, Infrastructure & Logistics
- Minor: Entrepreneurship for Smart Living 2020 (Awarded best project)