

# Louis de Bruijn 31-year old Python enthusiast

- Data Scientist at ING Netherlands
- Computational
  Linguistics, University
  of Groningen
- Natural Language
  Processing
  Full stack Web
  (Python)
- Y> PySpark Sklearn, NLTK, Pandas, Numpy, Scipy Flask, Django, Javascript, HTML, CSS

## </> Skills

Python

OOP

Full-stack Web Development

**REST API** 

DevOps

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Scikit-Learn, Pandas, Spark Django, Flask, FastAPI Docker, Kubernetes

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Interior design

Marktplaats

Medium articles

Art

### Languages

English native/bilingual

Dutch native/bilingual

German professional

working

Spanish professional

working

French limited working

# Personal resume

Oct. 29, 2025

## Work experience



ING Amsterdam • 5 yrs 1 mos

Data Scientist | Transaction
Monitoring
Apr 2022 - Present - 3 yrs 7 mos

- Developed a monolith ML model to reduce false positives in second-line transaction monitoring of alerted transactions. Currently rolling out in multiple countries.
- Redeveloped the ML model to detect potentially risky companies among third-party payment providers in corresponding banking (SWIFT and PSP transactions).

COO Analytics KYC Kickstart A

Data Scientist | International Talent Programme Oct 2020 - Mar 2022 - 1 yrs 6 mos

Ist rotation: Customer Dialogue Analytics
• Developed and productionized Named
Entity Recognition package for the
anonymization of Personable Identifiable
Information (PII)

• Organized the NLP conference, a 2-day knowledge sharing for data scientists

2nd rotation: Advanced Real-Time Analytics

• Experimentation to reduce the time to prediction for the "Look Ahead" in the ING app

3rd rotation: Risk & Pricing Advanced Analytics

 Developing two credit risk prediction models in the direct business lending domain

International Talent Programme

# ORTEC FINANCE

# ML Engineer | Data Scientist Ortec Finance Sep 2019 - Aug 2020 - 1 yr

Sep 2019 - Aug 2020 • 1 yr Amsterdam

Responsible for implementing various Natural Language Processing (NLP) microservices (APIs): curriculum-vacancy matching service, topic modeling, (legal) document understanding product, and conversational agents.



### Data Science Intern

Lootjestrekken Jun 2019 - Aug 2019 - 3 mos Delft

Collaborative filtering recommender system to improve user gift recommendations. Successfully implemented a recommender system that displays personalised gift suggestions to Lootjestrekken' users.

### **S** Education



University of Groningen Groningen 6 yrs

Computational Linguistics | MasterSep 2019 - Aug 2020 - 1 yr

Data Science, Machine Learning, Natural Language Processing, Computational Semantics.

Computational Linguistics | Premaster

Sep 2018 - Aug 2019 - 1 yr

Programming in Python, Database Design, Quantitative Text Analysis, Search Engines, Database driven -Webtechnology, Logic Programming.

Communication and Information Science | Bachelor Sep 2014 - Aug 2018 - 4 yrs

> Text and Conversation Analysis, Usability, Multi modal and Digital Communication.

# Certificates



Machine Learning Operations Google Cloud Feb 2023 • Mountain View



Production-Ready ML GoDataDriven Dec 2022 • Amsterdam



Influential Communication Bureau Zuidema Dec 2022 • Oosterbeek



Professional Scrum Master™ Scrum.org Jun 2021 • Boston

### ☐ Extracurricular



PyData Conference NumFOCUS Apr 2024 - Present - 1 yrs 7 mos Amsterdam



Allow More | Kickstart AI challenge Kickstart AI @ ING Sep 2023 - Oct 2023 - 2 mos Amsterdam

Kickstart AI challenge hosted @ ING: Allow More, a project to identify the underutilization of national household allowances.