



## Louis de Bruijn

31-year old Python enthusiast

- Analytics Trainee, International Talent Programme at [ING Netherlands](#)
- Computational Linguistics, University of Groningen
- Natural Language Processing  
Full stack Web (Python)
- PySpark  
Sklearn, NLTK, Pandas, Numpy, Scipy  
Flask, Django, Javascript, HTML, CSS
- [message me!](#)

### </> Skills

Python  
OOP  
Full-stack Web Development  
REST API  
DevOps

### 🔗 Technologies

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

### 🎨 Interests

Interior design  
Marktplaats  
Medium articles  
Art

### 🗣️ Languages

English native/bilingual  
Dutch native/bilingual  
German professional working  
Spanish professional working  
French limited working

# Personal resume

May 15, 2025

## 🏢 Work experience



ING  
Amsterdam • 4 yrs 8 mos

- Data Scientist | Transaction Monitoring**  
Apr 2022 - Present • 3 yrs 2 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 AI
- Data Scientist | International Talent Programme**  
Oct 2020 - Mar 2022 • 1 yrs 6 mos
  - 1st 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



ML Engineer | Data Scientist  
Ortec Finance  
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  
Lootjestrekkens  
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 Lootjestrekkens' users.

## 🎓 Education



University of Groningen  
Groningen • 6 yrs

- Computational Linguistics | Master**  
Sep 2019 - Aug 2020 • 1 yr  
Data Science, Machine Learning, Natural Language Processing, Computational Semantics.
- Computational Linguistics | Pre-master**  
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 2 mos  
Amsterdam



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

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