



## Louis de Bruijn

30-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

Dec. 22, 2024

## 🏢 Work experience



**ING**  
 Amsterdam • 4 yrs 3 mos

- Data Scientist | Transaction Monitoring**  
 Apr 2022 - Present • 2 yrs 9 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**  
 Lootjstrekkken  
 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 Lootjstrekkken' 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 • 9 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.