Personal resume

Aug. 12, 2025

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)
- </> 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

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

🏢 Work experience

ING
Amsterdam • 4 yrs 11 mos

Data Scientist | Transaction Monitoring
Apr 2022 - Present • 3 yrs 5 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
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.

🎓 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 5 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.