

# LAURENS DE BRUIN

## AI graduate intern

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### SUMMARY

I am an eager to learn and creative AI-student with an affinity toward software-development and data science. I like to solve problems with efficient coding and I am convinced that AI can improve a lot of processes. I like a challenge and work best in a pro-active team where everyone motivates each other with results.

### SKILLS

**Hard skills:** Python, Java, React, JavaScript, SQL, C++.

**Soft skills:** Result-driven, enthusiastic team player, social, flexible, creative, energetic, motivated, pro-active, eager to learn, collaborative.

### EDUCATION

9/2022 - 7/2025 **Master Artificial Intelligence** **Radboud University**  
Track Intelligent Technologies, with a focus on programming courses.

9/2017 - 7/2022 **Bachelor Artificial Intelligence** **Radboud University**  
Thesis on sentiment analyse with a BERT-model

### EXPERIENCE

10/2023 - present **Software developer** **ASReview**

- Contribute to the codebase in front-end and back-end of ASReview, the largest open-source project of the University of Utrecht.
- Responsible for pre-processing, deduplication, merging and distributing the data and the visualisation of results for the FORAS scientific study.

Python / GIT / React / Excel

4/2023 - 8/2023 **Project Intern** **Philips**

- Completed a project with a team as part of masters program.
- Apply cleaning, exploration, clustering and analysis on product review data.
- Present insights to the client in the form of graphs.

Python / Data visualisation / Data analysis / Client contact

2/2023  
– 6/2023

## Student-assistant Data Science

RadboudUMC

- Bridged a gap between medical experts and data science.
- Used data science knowledge to optimise data management and workflow for a study of the Dutch children's formulary.

Python / GIT

7/2021  
– 6/2023

## Hiker

Easy Way

- Transported vehicles safely and efficiently to various locations, with compliance to deadlines and quality standards.
- Carried out vehicle inspections before and after transport and reported issues.

Planning / Client contact

## PROJECTS

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Scientific study **FORAS**

[GitHub link](#)

- Developed scripts to streamline the FORAS project by managing, cleaning, deduplicating, and merging data, alongside generating batches for annotation. Produced comprehensive result overviews and publication-ready plots, collaborating closely with team members to ensure project success.

Model  
finetuning &  
inference

### **Bachelor Thesis: BERT-based sentimentanalysis on tweets.**

[GitHub link](#)

Exploring the sentiment analysis performance of BERT models on domain specific Twitter data when combined with an intelligent pre-processor.

App-  
development

### **Car collection**

[GitHub link](#)

Created and published an Android app from scratch to gain experience in software development, web-scraping, and databases/SQL.

## PRESENTATIONS AND WORKSHOPS

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### **TM Inhouse Day - University of Twente**

Presented at the TM Inhouse Day of the University of Twente the benefits of ASReview software for clinical technology and technical medicine students, focusing on its use in writing systematic reviews.

### **Users meeting - ASReview**

Provided an update on the progress and contributions to the FORAS project during the ASReview Users meeting, aimed at colleagues and users of the software.

### **Poster presentation - Utrecht AI labs event**

Presented the outcome of the project at the Dutch Children's Formulary at "De Expo" in the Railway Museum.

## CERTIFICATES

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Certificates are available on my LinkedIn profile or per email request.

Front-end  
development

### **Learn React - Codecademy**

Completed the "Learn React" course at Codecademy, where skills were developed in JSX, JavaScript, and CSS for building and styling React components. Learned about state management with hooks and application of programming patterns for creating dynamic and maintainable web applications.