

# WESSEL POELMAN

Last updated: April 9, 2023

**Website** [wesselpoelman.nl](https://wesselpoelman.nl)  
**GitHub** [github.com/WPoelman](https://github.com/WPoelman)  
**E-mail** [contact@wesselpoelman.nl](mailto:contact@wesselpoelman.nl)  
**LinkedIn** [linkedin.com/in/wessel-poelman](https://linkedin.com/in/wessel-poelman)

## EDUCATION

### Technical University of Munich (TUM)

*PhD in Computer Science / Informatics*

*April 2023 - now*

### University of Groningen

*MSc Information Science (cum laude)*

*Sept 2021 - Aug 2022*

*BSc Information Science*

*Sept 2018 - Aug 2021*

*BA Communication & Information Sciences*

*Sept 2016 - Jan 2020*

## RELEVANT PROFESSIONAL EXPERIENCE

### Research associate, *Technical University of Munich*

*April 2023 - now*

Fully funded PhD position in researching various applied NLP fields.

### Junior machine learning engineer, *Web-IQ*

*May 2021 - March 2023*

Web-IQ structures and collects online data that is used in solving crimes such as fraud, child abuse and human trafficking. I worked on a variety of machine learning solutions, specifically related to natural language processing. I created models for information extraction, classification, clustering and matching.

*Tools: python, pandas, huggingface, spacy, pytorch, fastapi, docker and occasionally java.*

### Software developer, *Beeprager*

*Jul 2019 - May 2021*

Beeprager creates custom software solutions. I worked on projects ranging from apps for start-ups to planning software for construction companies. Most of my work was in software that dealt with billing and planning. I also interfaced with numerous external (legacy) systems to import or export data from and to.

*Tools: laravel, mysql, php, typescript, react, react-native and occasionally graphql.*

### Student assistant, *University of Groningen*

*May 2020 - Aug 2020*

I assisted dr. W. Vuijk in updating and translating the course *Rijk van de Schaarste* from Dutch to English, now *Philosophy of Communication*.

### Teaching assistant, *University of Groningen*

*Sept 2019 - Dec 2019*

For the course *Introduction to Programming I* from dr. L. Bosveld I gave seminars, helped students and graded weekly programming assignments in Python.

### Student assistant, *University of Groningen*

*Mar 2019 - June 2019*

For this project, I helped dr. Y. Ongena with translating her study book *Onderzoek doen met vragenlijsten* (*Doing research with questionnaires*) from Dutch to English.

### Student assistant, *University of Groningen*

*Aug 2018 - May 2019*

I helped prof. dr. J. Hoeks with several research-related tasks. These were, among others; translating, transcribing, creating questionnaires, distributing research material and performing statistical analyses. I was a member of the selection committee for hiring new assistant professors for Communication & Information Sciences (2018 and 2019).

## SKILLS AND INTERESTS

Computer	Professional	python, typescript (javascript), php, (my)sql, java
	Academic/hobby	L <sup>A</sup> T <sub>E</sub> X, C, go, golang, prolog, R
	Notable libraries	spacy, huggingface, pandas, pytorch, laravel, react(-native)
	Other	Comfortable with working in Unix-like environments, good and practical knowledge of git, basics of ci/cd, basics of docker
Languages	Dutch	Native speaker
	West-Frisian	Native speaker
	English	Professional speaking and writing skills

2. **W. Poelman**, R. van Noord, & J. Bos (2022). Transparent Semantic Parsing with Universal Dependencies using Graph Transformations. *In Proceedings of the 29th International Conference on Computational Linguistics (COLING-2022)*, pages 4186-4192, Gyeongju, Republic of Korea. International Committee on Computational Linguistics. [[ACL Anthology](#)] [[Slides](#)] [[Poster](#)]
1. **W. Poelman**<sup>‡</sup>, F. van den Berg<sup>‡</sup>, G. Danoe<sup>‡</sup>, E. Ploeger<sup>‡</sup>, L. Edman, & T. Caselli (2022). RUG-1-Pegasussers at SemEval-2022 Task 3: Data Generation Methods to Improve Recognizing Appropriate Taxonomic Word Relations. *In Proceedings of the 16th International Workshop on Semantic Evaluation (SemEval-2022)*, pages 247-254, Seattle, United States. Association for Computational Linguistics. [[ACL Anthology](#)] [[Slides](#)] [[Poster](#)]

<sup>‡</sup> Equal contribution.