

# Edwin Wenink

## Curriculum Vitae



### # PERSONAL DETAILS

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Name	E.J. Wenink
Birth	October 3, 1993
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### # EDUCATION

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#### Master Artificial Intelligence 2019-2022

*Radboud University* • GPA: 8.7<sup>1</sup>, *Cum laude*

Specialisation: Intelligent Technology

Thesis title: *On the explainability of case law recommendations using paragraph embeddings*

Supervisors: Prof. dr. Tom van Engers and dr. Johan Kwisthout

#### Research Master Philosophy 2014-2020

*Radboud University* • GPA: 8.3, *Bene meritum*

Specialisation: Metaphysics and Epistemology

Thesis title: *Destiny and adestination: Derrida and Heidegger on the sending of being*

Supervisor: Prof. dr. Gert-Jan van der Heiden

#### Bachelor Artificial Intelligence 2016-2019

*Radboud University* • GPA: 8.7, *Cum laude*

Thesis title: *Query by Navigation over Legal Documents:*

*An Automated Pipeline using Formal Concept Analysis*

Supervisor: dr. Franc Grootjen, in cooperation with Wolters Kluwer

#### Honours Programme Philosophy, Theology and Religious Studies 2012-2014

*Radboud University* • N/A

On Schopenhauer's pessimistic metaphysics

Supervisor: Prof. dr. Ger Groot

#### Bachelor Philosophy 2011-2014

*Radboud University* • GPA: 8.8, *Cum laude*

Thesis title: *Van Stem naar Arche-Schrift: Deconstructie in De la Grammatologie*

Supervisor: Prof. dr. Philippe van Haute

#### Gymnasium 2005-2011

*Thomas a Kempis college, Arnhem* • GPA: 8.5

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<sup>1</sup>On a scale from 1 to 10.

Graduated in two curricula: Nature and Technology, Nature and Health.

## # EXPERIENCE

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### 1. Employment

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#### Data Expert Advanced Analytics

Oct.2022-Now

*NS: Netherlands Railways*

We are setting up a brand new team to develop a new data product at NS. This function entails both data science and data engineering.

### 2. Internships

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#### Graduate Research Intern Explainable AI

Sep.2021-Apr.2022

*TNO: Netherlands Organisation for Applied Scientific Research*

I worked on explainable recommendation of case law using text mining, embeddings, and counterfactual explanations. The internship took place within FATE, a flagship project of TNO's *Appl.ai* program. FATE stands for FAir, Transparent and Explainable decision making.

#### Intern Innovation Platform

Mar.2021-Aug.2021

*NS: Netherlands Railways*

I helped realize an ethical approach to AI at NS by 1) working on AI policy and making it applicable to developers (ethics by design) and 2) researching tools and techniques for implementing values such as explainability and fairness.

### 3. Teaching and Tutoring

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#### Teaching Assistant Ethics for AI

Mar.2021-Jul.2021

*Radboud University Nijmegen*

Chair working groups in the AI master and contribute exam questions

#### Teaching Assistant Societal Impact of AI

Sep.2019-Feb.2020

*Radboud University Nijmegen*

Responsibilities: Teach working groups and grade assignments and exams

#### Teaching Assistant Introduction Artificial Intelligence

Sep.2019-Nov.2019

*Radboud University Nijmegen*

Responsibilities: Teach working groups

#### Teaching Assistant Theoretical Cognitive Science

Feb.2019-Sep.2019

*Radboud University Nijmegen*

Responsibilities: Teach working groups and grade assignments and exams

#### Freelance Tutor for Student Recruitment Philosophy

2014-2017

*Radboud University Nijmegen*

Chair working groups on university taster days

**Tutor in logic for philosophy students**

2011-2013

**Tutor in mathematics for high school students**

2009-2013

#### 4. Academic appointments

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**Student Evaluation for the NVAO  
Accreditation of Artificial Intelligence**

Nov.2018-Jan.2019

*Radboud University Nijmegen*

I was invited to participate in the self-evaluation  
of the study programme Artificial Intelligence  
as needed for the accreditation by NVAO (every six years)

**Member of the Education Committee  
Research Master Philosophy**

2015-2016

*Radboud University Nijmegen*

Main tasks: Reviewing the curriculum and providing recommendations  
in cooperation with other advisory organs and the faculty board,  
organizing social activities

**Member Nomination Committee for Assistant  
Professor of the History of Philosophy**

Mar.2016

*Radboud University Nijmegen*

I was the student member of the nomination committee  
that reviewed the candidate for the position of  
Assistant Professor of the History of Philosophy

**Chairman on the Annual Deleuze Scholarship Conference  
*Edition 4: Deleuze & Aesthetics***

Jun.2015

I chaired the parallel session “Decentering subject matter”

## # SKILLS

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**Programming  
Languages**

***Experienced:*** Python | ***Familiar:*** R | Java | Bash | SQL | L<sup>A</sup>T<sub>E</sub>X

**Frameworks  
& Libraries**

Scikit-learn | NumPy | Pandas | NLTK | Gensim | PyTorch | TensorFlow

**Software  
dev.**

Programming paradigms | Git | CLI | Agile | Unix | Vim

**Languages**

***Native:*** Dutch | ***Fluent:*** English | ***Conversational:*** German

## # PAPERS AND TALKS

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### 1. Papers

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- [1] Ajaya Adhikari, **Edwin Wenink**, Jasper van der Waa, Cornelis Bouter, Ioannis Tolios, and Stephan Raaijmakers. “Towards FAIR Explainable AI: A Standardized Ontology for Mapping XAI Solutions to Use Cases, Explanations, and AI Systems”. In: *Proceedings of the 15th International Conference on Pervasive Technologies Related to Assistive Environments*. PETRA '22. Corfu, Greece: Association for Computing Machinery, 2022, pp. 562–568. DOI: 10.1145/3529190.3535693.
- [2] **Edwin Wenink**. “Tech Giants will battle over your health data”. In: *Turning Magazine 2: AI & Health* (2020), pp. 12–13.
- [3] **Edwin Wenink**. “Deconstructie in werking”. In: *Splijtstof* 42.2 (2013). Ed. by Bas Leijssenaar, pp. 49–58. URL: <https://adoc.pub/splijtstof-jaargang-42-nummer-2-kerstnummer-2013.html>.

### 2. Talks

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“E-Salon: social media, zegen of vloek voor het vrije debat?”

2021

*Invited speaker by Stichting Vrij Links.*

*Event page: <https://www.vrij-links.nl/e-salon/social-media-zegen-of-vloek-voor-het-vrije-debat/>*

“Kunstmatige Intelligentie en haar gevolgen”

2020

*Invited guest on the podcast Vodcast*

“Metaphysics and Metaphor in Heidegger’s works”

2016

*Joint Symposium of F.C. Sophia and Student Recruitment*

Lecture (90 min.) on Schopenhauer’s metaphysics

in *Die Welt als Wille und Vorstellung*

2012

*Graduation component of my honours programme*

## # PROJECTS

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Archive Fever: Website on Philosophy, Technology and AI

2018-Present

*Editor, developer and writer*

Published 70+ online articles ranging from  
technical tutorials to philosophical essays.

Currently 72.336 page views and 848 monthly unique visitors

Hosted at <https://www.edwinwenink.xyz>

The AI Ethics Tool Landscape

2021

*Editor, developer*

An open-source project that builds a taxonomy of practical tools for implementing ethical AI.

Hosted at <https://edwinwenink.github.io/ai-ethics-tool-landscape/>

## Elecast: Navigating Podcasts

2020

*Developer*

A podcast app that allows navigation from audio segments to the corresponding location in an AI-generated transcript and *vice versa*.

Progressive Web App implemented in React.

Prototype at <https://nml-podcast-transcription.now.sh/player>

## CLIDE: A Clean IDE within Eclipse

Sep.18-Feb.19

*Product owner by proxy, developer*

Scrum development of an IDE for the Clean functional programming language, as an extension to the Eclipse framework.

As a product owner by proxy, I established product requirements and priorities together with the client.

For information on Clean, see <https://clean.cs.ru.nl/Clean>

Last updated on October 9, 2022.

Complete list of followed university courses available @ <https://www.edwinwenink.xyz/etc/courses/>  
(La)TeX source files @ <https://github.com/EdwinWenink/cv>