

Edwin Wenink

Curriculum Vitae



PERSONAL DETAILS

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

Master Artificial Intelligence 2019-2022

Radboud University • GPA: 8.7¹, *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

¹On a scale from 1 to 10.

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

EXPERIENCE

1. ————— Employment

Data Expert Advanced Analytics

Oct.2022-Now

NS: Netherlands Railways

The data expert function entails both data science and data engineering. We work DevOps and manage our own cloud infrastructure. We for example use data to enhance the planning of trains or to more accurately predict train delays.

2. ————— Internships

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

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

**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

Jun.2015

Edition 4: Deleuze & Aesthetics

I chaired the parallel session “Decentering subject matter”

SKILLS

**Programming
Languages**

Experienced: Python | *Familiar:* R | Java | Bash | SQL | L^AT_EX

**Frameworks
& Libraries**

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

**Software
dev.**

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

Languages

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

PAPERS AND TALKS

1. _____ Papers

- [1] **Edwin Wenink**, Johan Kwisthout, and Tom van Engers. “Punishment Extraction from Dutch criminal cases in Courts of First Instance”. In: *Legal Informatics as Science of Legal Methods. Proceedings of the 26th International Legal Informatics Symposium*. IRIS 2023 (Salzburg, Austria). Ed. by Eric Schweighofer, Jakob Zanol, and Stefan Eder. Bern, Swiss: Weblaw, 2023, pp. 233–241.
- [2] 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.
- [3] **Edwin Wenink**. “Tech Giants will battle over your health data”. In: *Turning Magazine 2: AI & Health* (2020), pp. 12–13.
- [4] **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

- “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 Vocast
- “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

- 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 March 7, 2023.

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