

# Edwin Wenink

## Curriculum Vitae



### # PERSONAL DETAILS

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|-----------------|---|
| <i>Name</i>     | E.J. Wenink   |
| <i>Birth</i>    | October 3, 1993   |
| <i>Mail</i>     | edwinwenink@hotmail.com   |
| <i>Github</i>   | <a href="https://github.com/EdwinWenink">https://github.com/EdwinWenink</a>               |
| <i>LinkedIn</i> | <a href="https://www.linkedin.com/in/ejwenink/">https://www.linkedin.com/in/ejwenink/</a> |
| <i>Website</i>  | <a href="https://www.edwinwenink.xyz">https://www.edwinwenink.xyz</a>                     |

### # EDUCATION

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#### Master Artificial Intelligence

2019-2022

*Radboud University*

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

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

#### Research Master Philosophy

2014-2020

*Radboud University*

Specialisation: Metaphysics and Epistemology

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

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

GPA: 8.3, *Bene meritum*

#### Bachelor Artificial Intelligence

2016-2019

*Radboud University*

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

*An Automated Pipeline using Formal Concept Analysis*

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

GPA: 8.7, *Cum laude*

#### Honours Programme Philosophy, Theology and Religious Studies

2012-2014

*Radboud University*

On Schopenhauer's pessimistic metaphysics

Supervisor: Prof. dr. Ger Groot

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

## Bachelor Philosophy

2011-2014

*Radboud University*

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

Supervisor: Prof. dr. Philippe van Haute

GPA: 8.8, *Cum laude*

## Gymnasium

2005-2011

*Thomas a Kempis college, Arnhem*

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

GPA: 8.5

# # EXPERIENCE

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## 1. 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.

## 2. 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

### 3. 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”

## # PAPERS AND TALKS

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“Towards FAIR Explainable AI: a standardized ontology for mapping  
XAI solutions to use cases, explanations, and AI systems.”

2022

*A. Adhikari, E. Wenink, et al., PETRA 2022 (forthcoming).*

“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/>*

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| <b>“Tech Giants will battle over your health data”</b><br><i>Published in Turning Magazine, Vol 2: AI &amp; Health, pp. 12-13.</i>                             | 2020 |
| <b>“Kunstmatige Intelligentie en haar gevolgen”</b><br><i>Invited guest on the podcast Vodcast</i>   | 2020 |
| <b>Talk on “Metaphysics and Metaphor in Heidegger’s works”</b><br><i>Joint Symposium of F.C. Sophia and Student Recruitment</i>                                | 2016 |
| <b>Undergraduate paper “Deconstructie in werking”</b><br><i>Published in Splijtstof 42(2), pp. 49-58.</i>  | 2013 |
| <b>Lecture (90 min.) on Schopenhauer’s metaphysics<br/>in <i>Die Welt als Wille und Vorstellung</i></b><br><i>Graduation component of my honours programme</i> | 2012 |

## # PROJECTS

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|---|---------------|
| <b>The AI Ethics Tool Landscape</b><br><i>Editor, developer</i><br>An open-source project that builds a taxonomy of practical tools for implementing ethical AI.<br>Hosted at <a href="https://edwinwenink.github.io/ai-ethics-tool-landscape/">https://edwinwenink.github.io/ai-ethics-tool-landscape/</a>   | 2021          |
| <b>Archive Fever: Website on Philosophy, Technology and AI</b><br><i>Editor, developer and writer</i><br>Published 70+ online articles ranging from technical tutorials to philosophical essays.<br>Currently 44.239 page views and 742 monthly unique visitors<br>Hosted at <a href="https://www.edwinwenink.xyz">https://www.edwinwenink.xyz</a>  | 2018-Present  |
| <b>Elecast: Navigating Podcasts</b><br><i>Developer</i><br>A podcast app that allows navigation from audio segments to the corresponding location in an AI-generated transcript and <i>vice versa</i> .<br>Progressive Web App implemented in React.<br>Prototype at <a href="https://nml-podcast-transcription.now.sh/player">https://nml-podcast-transcription.now.sh/player</a>  | 2020          |
| <b>CLIDE: A Clean IDE within Eclipse</b><br><i>Product owner by proxy, developer</i><br>Scrum development of an IDE for the Clean functional programming language, as an extension to the Eclipse framework.<br>As a product owner by proxy, I established product requirements and priorities together with the client.<br>For information on Clean, see <a href="https://clean.cs.ru.nl/Clean">https://clean.cs.ru.nl/Clean</a> | Sep.18-Feb.19 |

## # SKILLS

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### Programming Languages

*Experienced:* Python | *Familiar:* Java | R | Bash

### 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