

# Inès Blin | Research Assistant

## Ph.D. candidate in AI

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I am an industrial Ph.D. student in collaboration between the Sony Computer Science Laboratories - Paris and the Vrije Universiteit Amsterdam. My main research interest is on constructing narratives through structured representations.

## Education

**Vrije Universiteit Amsterdam, Mathematics and Computer Science Department** **Amsterdam**  
*Ph.D. in computer science: Building Narratives through Structured Representations.* *Since 10/2021*

Competencies: Knowledge Graphs (Construction, Querying, Optimization), Reasoning, LLMs.

Supervisors: prof. Annette ten Teije, dr. Ilaria Tiddi, dr. Remi van Trijp.

**University of Cambridge, Computer Science and Technology Department** **Cambridge**  
*MPhil in Advanced Computer Science (Natural Language Processing, Computer Vision), Distinctions.* *2019-2020*

Dissertation: Lexical Text Adaptation for Different Readability Levels.

Supervisor: dr. Ekaterina Kochmar.

**General Engineer School Ecole Centrale Paris** **Paris area**  
*MSc. in Mathematics and Computer Science* *2016-2019*

Ranked by L'Étudiant as #2 French Engineering School in 2020.

Algorithms and Programming, Mathematics, Software development, Graph Theory, Machine Learning, Databases.

**Preparatory School Lycée Privé Sainte Geneviève** **Paris area**  
*Preparatory Class MPSI/MP. (Intensive preparation in Mathematics and Physics)* *2013-2016*

Ranked by L'Étudiant as #1 French Classe Préparatoire aux Grandes Écoles in 2016.

## Work Experience

**Sony Computer Science Laboratories - Paris** **Paris**  
*Research Assistant* *Since 8/2024*

Developing a unified framework for narrative generation, combining structured representations through two key steps: knowledge graph construction and narrative synthesis.

**Vrije Universiteit Amsterdam** **Amsterdam**  
*Research Assistant* *2/2024-8/2024*

Hired as part of an NWO Project to create living meta-analyses, Grant Research #406.XS.04.118

Developed automated hypothesis discovery workflows to dynamically publish results in HTML format.

**Sony Computer Science Laboratories - Paris** **Paris**  
*Research Assistant* *1/2021-1/2024*

Hired as part of the MUHAI European Project - Part of Horizon 2020, Grant Research #951846

Worked on Knowledge Graph Construction and Narrative Generation

- Finding the best structured representation for a narrative
- Developed methods to extract and filter domain-specific data for KG construction and question-answering

**Augustus Intelligence** **Paris**  
*Applied AI Engineer* *9/2020-1/2021*

Refactored a data pipeline entirely, performed email clustering with unsupervised and semi-supervised techniques.

**Circles.Life** **Singapore**  
*Software Engineer* *1-7/2019*

Implemented multilingual support for an internal application and automated weekly meeting preparations.

**Allianz** **Paris area**  
*Data Scientist* *7-12/2018*

Implemented a search tool to match job offerings with resumes, and a clustering model for structured documents.

## Publications

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A \* denotes equal contributions. See my Google Scholar for the most up-to-date list.

- **I. Blin**, A. Ten Teije, F. van Harmelen, I. Tiddi. “Structured Representations for Narratives”. International Conference on Knowledge Engineering and Knowledge Management (EKAW 2024)
- **I. Blin**, I. Tiddi, G. Spadaro, A. Ten Teije. “Living Meta-Review Generation for Social Scientists: An Interface and A Case Study on Human Cooperation”. International Conference on Knowledge Engineering and Knowledge Management (Demo Paper, EKAW 2024)
- G. Prevedello\*, **I. Blin\***, B. Monechi, E. Ubaldi. “Lyrics for success: embedding features for song popularity prediction”. NLP for Music and Audio. (NLP4MusA@ISMIR 2024)
- **I. Blin**, L. Stork, L. Spillner, C. Santagiustina. “OKG: A Knowledge Graph for Fine-grained Understanding of Social Media Discourse on Inequality”. The 12th Knowledge Capture Conference (K-CAP 2023, **nominated for best student paper award**)
- **I. Blin**. “Building a French Revolution Narrative from Wikidata”. Semantic Techniques for Narrative-Based Understanding. (Sem4NBU@IJCAI-ECAI 2022)
- **I. Blin**. “Building narrative structures from knowledge graphs”. European Semantic Web Conference. (ESWC 2022, **best doctoral consortium paper award**)

## Additional education

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### Advanced course on AI on Human Centered AI

*Humane AI*

Topics: Social AI, Ethical AI, Cognitive AI, Explainable AI, Learning and Reasoning

**Berlin**

October 2021

### International Semantic Web Research Summer School

*Bertinoro International Center for Informatics*

Topics: Knowledge Graphs (Querying, Reasoning, Embeddings), ML, NLP

**Bertinoro**

July 2022

## Teaching

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- Student supervision
  - Alkim Belevi, Evy Beijen, Mona Borth, Celeste Tacconi (2024, Digital Humanities Course)
  - Laura Brongers (2023, MSc VU)

## Talks

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- SciencesPo Medialab Seminar (December 2024, invited)
- EKAW 2024 (November 2024, Structured Representations for Narratives, oral)
- EKAW 2024 (November 2024, Living Meta-Reviews, demo and poster)
- EKAW 2024 (November 2024, Living Meta-Reviews for the MUHAI Tutorial, demo)
- &inCSL (February 2024, invited)
- K-CAP 2023 (December 2023, OKG, oral)
- Workshop on data modelling and ontologies of narrative and fiction (July 2023, invited)
- Sem4NBU@IJCAI-ECAI 2022 (July 2022, French Revolution Narrative, online)
- ESWC 2022 (May 2022, Narrative Structures from KG, oral)
- &inCSL (April 2022, invited)

## Community Involvement and Miscellaneous

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- Participated in the last event for the EU Project MUHAI: the MUHAI tutorial at EKAW 2024.
- **Co-organised** the SEMMES workshop at ESWC 2024. Tasks: Proposal writing, program organisation, reviewing

member.

- Reviewing

- Conferences: ISWC 2024 (P&D), GeNeSy 2024

- Sub-reviewing

- Conferences: IJCAI 2024, ESWC 2023, EKAW 2022, ISWC 2022