

# Inès Blin | Ph.D. candidate in AI

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in ines-blin-903650151

## 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, ML, LLMs.

### 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.

### General Engineer School Ecole Centrale Paris

Paris area

*Cycle de formation d'Ingénieur Centralien*

2016-2019

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

### 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

### Research Assistant | Sony Computer Science Laboratories - Paris

Paris

Unified framework for knowledge graph construction and narrative generation.

Since 8/2024

### Research Assistant | Vrije Universiteit Amsterdam

Amsterdam

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

2/2024-8/2024

Developed automated hypothesis discovery workflows and dynamically published results in HTML format.

### Research Assistant | Sony Computer Science Laboratories - Paris

Paris

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

1/2021-1/2024

○ Finding the best structured representation for a narrative

○ Developed methods to extract and filter domain-specific data for KG construction and question-answering

### Applied AI Engineer | Augustus Intelligence

Paris

Refactored a data pipeline and performed email clustering.

9/2020-1/2021

### Software Engineer | Circles.Life

Singapore

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

1-7/2019

### Data Scientist | Allianz

Paris area

Implemented a search tool to match job offerings with resumes, and clustered structured documents.

7-12/2018

### Software Engineer | UNIC Paris Saclay Campus

Paris area

Developed a graphic interface for autonomous robot *Alpha1*.

1-6/2018

## Computer skills

**Software:** Python, Git, Linux

**Databases:** SPARQL, HDT, SQL, Spark, Notions of NoSQL

**Libraries:** pandas, scikit-learn, tensorflow, torch, transformers, llama-index, rdflib

**Already used:** Ruby, Elasticsearch, Kibana, Flask, Node.JS, JavaScript

## Languages

**English:** C1 level (IELTS 8/9)

**Chinese:** B1 Level

**Korean:** B2 Level

**Spanish:** B1 Level

## Interests

**Hobbies:** Scouting for 12 years, solidarity projects in Europe and in Madagascar

**Sports:** Tennis, Running