

Gautier Dagan

PhD Student in Natural Language Processing

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EDUCATION

The University of Edinburgh

Integrated PhD in Natural Language Processing

Supervisors: Prof. Alex Lascarides and Prof. Frank Keller

09/2021 – (anticipated) 2025

Edinburgh, UK

The University of Amsterdam

Master of Science in Artificial Intelligence; Cum Laude

2017 – 2019

Amsterdam, NL

Northwestern University

BA in Computer Science, Economics and International Studies (Triple Major)

2013 – 2017

Evanston, USA

EXPERIENCE

Senior NLP Engineer (Part-Time)

01/2021 - 09/2021

Research Grid

London, UK

- Led development and deployment of ML APIs, managed interns and assisted in hiring process.
- Productionised text comprehension and retrieval pipelines using NLTK, spacy, and HF transformers.

Machine Learning Engineer

09/2019 - 09/2020

Mansa

London, UK

- Developed and architected the data pipeline from scratch using AWS, Docker, FastAPI, and Serverless.
- Implemented an OCR solution for bank statements of 10 major French banks to reduce on-boarding attrition and augment Open Banking coverage.

Graduate Student Researcher

06/2018 – 09/2019

Institute of Logic, Language and Computation (i-machine-think group)

Amsterdam, NL

- Assisted in the development and testing of a positional attention mechanism published in ACL 2020.

Co-founder

02/2016 – 01/2018

Zcruit

Evanston, USA

- Co-founded and successfully exited a predictive analytics start-up in college football recruiting.

PUBLICATIONS

Gautier Dagan, Frank Keller, Alex Lascarides *Learning the Effects of Physical Actions in a Multi-modal Environment* 2022 |under review

Balint Gyevnar, **Gautier Dagan**, Coleman Haley, Shangmin Guo, and Francis Mollica *Communicative Efficiency or Iconic Learning: Do communicative and acquisition pressures interact to shape colour-naming systems?* Entropy 2022 |[paper](#)

Kaustubh D. Dhole et al. *NL-Augmenter: A Framework for Task-Sensitive Natural Language Augmentation Generation, Evaluation & Metrics (GEM) Workshop* ACL 2021 |[paper](#) |[code](#)

Gautier Dagan, Dieuwke Hupkes, and Elia Bruni *Co-evolution of Language and Agents in Referential Games* EACL 2021 |[paper](#) |[code](#)

Yann Dubois, **Gautier Dagan**, Dieuwke Hupkes, and Elia Bruni *Location Attention for Extrapolation to Longer Sequences* ACL 2020 |[paper](#)

Gabriele Bani, Davide Belli, **Gautier Dagan**, Alexander Geenen, Andrii Skliar, Aashish Venkatesh, Tim Baumgartner, Elia Bruni, Raquel Fernández *Adding object detection skills to visual dialogue agents* Workshop on Shortcomings in Vision and Language ECCV 2018 |[paper](#)

SKILLS

Technologies: Python, Git, Pytorch, AWS, Serverless, Docker

Certifications: AWS Machine Learning Speciality (08/2020), AWS Solutions Architect Associates (06/2020)

Languages: native English and French, Spanish (A2)

Competitions: IGLU: NLP Task 2022 (4th Place), Kaggle Competition Expert (**top 1%**), RoboCup IranOpen 2018

Reviewer: EMNLP 2022, EACL 2023