Nathan Cornille

Curriculum Vitae

	Dagaarah	2017–2019	Master computer science, KULeuven,
—— Pape	Research rs	2017-2019	Leuven, 85.27% (Top 3% of 96 students). Option Artificial Intelligence
October 2024	Arxiv paper, Arxiv. End-to-end Planner Training for Language	Fall of 2018	Exchange semester , <i>Tsinghua University</i> , Beijing, 92.33% - 3.8 GPA.
July 2024	Modeling Conference paper, Conference on Language Modeling. Learning to Plan for Language Modeling from Unlabeled Data	2014–2017	Bachelor engineering sciences, KULeuven, Leuven, 79.22% (Top 10% of 326 students). Option Mechanics - Computer Science
November 2023	Journal paper, Entropy: Special Issue "Causality and Complex Systems". Causal Factor Disentanglement for Few-Shot	Teac	Working Experience
February 2022	Domain Adaptation in Video Prediction Journal paper, Frontiers in Artificial Intelligence. Critical Analysis of Deconfounded Pretraining to Improve Visio-Linguistic Models ertations	2018-2021	Teaching Assistant , <i>KULeuven</i> , Leuven. Capita Selecta Artifical Intelligence (20204), Natural Language Processing (2021, 2022, 2023), Object-Oriented Programming (2019, 2020, 2021), Science Communication (2021), Methodology of Informatics (2018,2019)
Jan 2025	PhD thesis, KULeuven, Leuven.	2016 - 2018	Math tutor, Sagio vzw, Leuven.
Jan 2025	Representation Learning for Vision and Lan-		<u> </u>
June 2019	Master thesis, KULeuven, Leuven, 17/20. Analysis and Improvement of Named Entity Recognition for Biomedical Articles	Summer 2019	Associate Consultant Intern, Bain & Company, Brussels. Working on a European pricing strategy for a large consumer-goods company
—— Presentations		Summer 2018	Blockchain intern, IntellectEU, New York
Oct 2024	Poster presentation, Conference on Language Modeling, Philadelphia. Learning to Plan for Language Modeling from Unlabeled Data	Juniner 2010	City. Doing research into methods for privacy in permissioned blockchains and automating financial message mapping
May 2023	Oral and poster presentation , Colloquium on Fundamental Challenges on Causality, Grenoble. Investigating the Effect of Causal Mechanism	Summer 2017 Summer 2015	Software developer, Irex Consulting, Brussels. Developing an Android application and a website. Fundraiser, ONG Conseil, Antwerp. Asking people in the street to become support-
November 2020	Poster and flashtalk , From Neuroscience to Artificially Intelligent Systems, Virtual. DIRT: Distributed Internal Regression Trans-		ers for Oxfam Solidarity. Languages
December 2019	former Oral and poster presentation, 3rd Human Brain Project Curriculum Workshop on Cognitive Systems, Glasgow. Improving Language Understanding in Machines through Anticipation	Dutch English French Spanish	Native Fluent Good Can hold conversations Limited Limited understanding, speaking and writing (level A2-Waystage)
	Education		Engagements
Oct 2019– Jan 2025	PhD computer science, Language Intelligence & Information Retrieval lab, KULeuven, Leuven. Representation Learning, Causality, Natural Language Understanding, Neuromorphic Computing	Board Of European Students of Technology	Engagements An organisation that provides complementary education abroad for technology students, as well as organising engineering and other competitions. I was the co-Main Organiser of the 2019 Summer Course, and

was the treasurer in 2017-2018.