## Nathan Cornille

## Curriculum Vitae

Pape	Research	2014–2017	ven, Leuven, 79.22% (Top 10% of 326
July 2024		2008–2014	students). Option Mechanics - Computer Science  Secondary education, Sint- Michielscollege Brasschaat, Brasschaat,
November 2023	Journal paper, Entropy: Special Issue "Causality and Complex Systems".  Causal Factor Disentanglement for Few-Shot Domain Adaptation in Video Prediction		88.7%. Option Ancient Greek - Mathematics Working Experience
February 2022	Journal paper, Frontiers in Artificial Intelligence. Critical Analysis of Deconfounded Pretraining to Improve Visio-Linguistic Models entations	Teac 2018-2021	Teaching Assistant, KULeuven, Leuven. Natural Language Processing (2021, 2022), Object-Oriented Programming (2019, 2020, 2021), Science Communication (2021),
May 2023	<b>Oral and poster presentation</b> , Colloquium on Fundamental Challenges on Causality, Grenoble.	2016 - 2018	Methodology of Informatics (2018,2019)  Math tutor, Sagio vzw, Leuven.
	Investigating the Effect of Causal Mechanism Alignment on Transfer Learning for Few-Shot Video Prediction	Summer 2019	Associate Consultant Intern, Bain & Company, Brussels.
November 2020	<b>Poster and flashtalk</b> , <i>From Neuroscience</i> to <i>Artificially Intelligent Systems</i> , Virtual. DIRT: Distributed Internal Regression Transformer	Summer 2018	Working on a European pricing strategy for a large consumer-goods company <b>Blockchain intern</b> , <i>IntellectEU</i> , New York City.
December 2019		Summer 2017	Doing research into methods for privacy in permissioned blockchains and automating financial message mapping  Software developer, Irex Consulting, Brussels.
— Dissertations			Developing an Android application and a website.
June 2019	<b>Master thesis</b> , <i>KULeuven</i> , Leuven, 17/20. Analysis and Improvement of Named Entity Recognition for Biomedical Articles	Summer 2015	<b>Fundraiser</b> , <i>ONG Conseil</i> , Antwerp. Asking people in the street to become supporters for Oxfam Solidarity.
	Education		Languages
2019–current (planned 2023)	PhD computer science, Language Intelligence & Information Retrieval lab, KULeuven, Leuven.  Representation Learning, Causality, Natural Language Understanding, Neuromorphic Com-	Dutch English French Spanish	Native Fluent Good Can hold conversations Limited Limited understanding, speaking
2017–2019	Master computer science, <i>KULeuven</i> , Leuven, 85.27% (Top 3% of 96 students).		and writing (level A2-Waystage) Engagements
Fall of 2018	Option Artificial Intelligence <b>Exchange semester</b> , <i>Tsinghua University</i> ,  Beijing, 92.33% - 3.8 GPA.	Board Of European Students of Technology	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.