## Nathan Cornille

## Curriculum Vitae

	Danasanda	2014 2017	Pachalan anginasning saigness VIII au
Dana	Research	2014–2017	Bachelor engineering sciences, KULeuven, Leuven, 79.22% (Top 10% of 326
Papers			students).
October 2024	Journal paper, Under Review. End-to-end Planner Training for Language	2000 2014	Option Mechanics - Computer Science
	Modeling	2008–2014	<b>Secondary education</b> , <i>Sint- Michielscollege Brasschaat</i> , Brasschaat,
July 2024	<b>Conference paper</b> , Conference on Language Modeling.		88.7%. Option Ancient Greek - Mathematics
	Learning to Plan for Language Modeling from Unlabeled Data		Working Experience
November 2023	<b>Journal paper</b> , Entropy: Special Issue "Causality and Complex Systems".	— Teac	
2023	Causal Factor Disentanglement for Few-Shot	2018-2021	<b>Teaching Assistant</b> , <i>KULeuven</i> , Leuven.
	Domain Adaptation in Video Prediction	2010-2021	Natural Language Processing (2021, 2022),
February 2022	<b>Journal paper</b> , Frontiers in Artificial Intelligence.		Object-Oriented Programming (2019, 2020, 2021), Science Communication (2021),
	Critical Analysis of Deconfounded Pretraining		Methodology of Informatics (2018,2019)
—— Prese	to Improve Visio-Linguistic Models	2016 - 2018	Math tutor, Sagio vzw, Leuven.
May 2023		—— Indus	J .
IVIAY 2023	<b>Oral and poster presentation</b> , Colloquium on Fundamental Challenges on	Summer 2019	Associate Consultant Intern, Bain & Company, Brussels.
	Causality, Grenoble.		Working on a European pricing strategy for a
	Investigating the Effect of Causal Mechanism		large consumer-goods company
	Alignment on Transfer Learning for Few-Shot Video Prediction	Summer 2018	Blockchain intern, IntellectEU, New York
	•		City.  Doing research into methods for privacy in per-
2020	to Artificially Intelligent Systems, Virtual.  DIRT: Distributed Internal Regression Trans-		missioned blockchains and automating financial
	former	6 001=	message mapping
December	Oral and poster presentation, 3rd Hu-	Summer 2017	<b>Software developer</b> , <i>Irex Consulting</i> , Brussels.
2019	man Brain Project Curriculum Workshop on Cognitive Systems, Glasgow.		Developing an Android application and a web-
	Improving Language Understanding in Ma-		site.
	chines through Anticipation	Summer 2015	<b>Fundraiser</b> , <i>ONG Conseil</i> , Antwerp. Asking people in the street to become support-
— Disse	ertations		ers for Oxfam Solidarity.
June 2019	Master thesis, KULeuven, Leuven, 17/20.		Language
	Analysis and Improvement of Named Entity Recognition for Biomedical Articles		Languages
	_	Dutch	Native
	Education	English	Fluent
2019-2024	PhD computer science, Language Intelli-	French	Good Can hold conversations
	gence & Information Retrieval lab, KULeuven, Leuven.	Spanish	Limited Limited understanding, speaking and writing (level A2-Waystage)
	Representation Learning, Causality, Natural Language Understanding, Neuromorphic Com-		Engagements
2017–2019	Master computer science, KULeuven,	Board Of	An organisation that provides complemen-
	Leuven, 85.27% (Top 3% of 96 students).	European Students of	tary education abroad for technology stu- dents, as well as organising engineering and
	Option Artificial Intelligence	Technology	other competitions. I was the co-Main Or-
Fall of 2018	<b>Exchange semester</b> , <i>Tsinghua University</i> , Beijing, 92.33% - 3.8 GPA.		ganiser of the 2019 Summer Course, and was the treasurer in 2017-2018.