

EDUCATION

Seattle, WA	University of Washington	Fall 2021 – present
<ul style="list-style-type: none">• Ph.D. Student Computer Science & Engineering• Research in NLP with focus on efficiency, language generation, evaluation, and reasoning.• Advisor: Luke Zettlemoyer		
Pittsburgh, PA	Carnegie Mellon University	Fall 2019 - Summer 2021
<ul style="list-style-type: none">• M.S. Language Technologies (MLT) GPA: 4.06• Research in NLP on language generation, faithfulness of summarization, and representation learning.• Advisor: Yulia Tsvetkov		
Cambridge, MA	Harvard University	Fall 2014 - Spring 2018
<ul style="list-style-type: none">• M.S. Computer Science, Advisor: Alexander Rush GPA: 3.875• B.A. Physics with Advanced Standing, Secondary in Mathematics GPA: 3.653		
Rome, Italy	Lycée Chateaubriand French High School	Fall 1999 - Spring 2014
<ul style="list-style-type: none">• French Baccalaureate, GPA: 20.4/20.• Finalist in the French Math Olympiads, May 2013		

PUBLICATIONS

Under Review

- **Pagnoni, Artidoro**, Alexander R. Fabbri, Wojciech Kryściński, and Chien-Sheng Wu. "Socratic Pretraining: Question-Driven Pretraining for Controllable Summarization." arXiv preprint arXiv:2212.10449 (2022).

Peer Reviewed

- Spiliopoulou, Evangelia*, **Artidoro Pagnoni***, Eduard Hovy, Yonatan Bisk "EvEntS ReaLM: Event Reasoning of Entity States via Language Models" *Proceedings of EMNLP 2022*.
- **Pagnoni, Artidoro**, Martin Graciarena, Yulia Tsvetkov "Threat Scenarios and Best Practices to Detect Neural Fake News: A Case Study on COVID News" *Proceedings of COLING 2022 (best paper nomination)*.
- Yu, Gyeong-In, Saeed Amizadeh, Sehoon Kim, **Artidoro Pagnoni**, Byung-Gon Chun, Markus Weimer, and Matteo Interlandi. "Making classical machine learning pipelines differentiable: A neural translation approach." *PVLDB 2022*.
- **Pagnoni, Artidoro**, Vidhisha Balachandran, and Yulia Tsvetkov. "Understanding Factuality in Abstractive Summarization with FRANK: A Benchmark for Factuality Metrics." *Proceedings of NAACL 2021*.
- Balachandran, Vidhisha, **Artidoro Pagnoni**, Jay Yoon Lee, Dheeraj Rajagopal, Jaime Carbonell, and Yulia Tsvetkov. "StructSum: Incorporating Latent and Explicit Sentence Dependencies for Single Document Summarization." *Proceedings of EACL 2021*.
- Spiliopoulou, Evangelia, **Artidoro Pagnoni**, and Eduard Hovy. "Definition Frames: Using Definitions for Hybrid Concept Representations." *Proceedings of COLING 2020*.
- **Pagnoni, Artidoro**, Felix Labelle, Lauren Duan, Anjalie Field, Alan Black, and Yulia Tsvetkov. "Ideological Bias in News on Anti-Government Protests." *Poster presentation at SocInfo 2020*.
- Ahmed, Zeeshan, et al. "Machine Learning at Microsoft with ML.NET." *Proceedings of KDD 2019*.

Preprint

- Lively, Thomas, William Long, and **Artidoro Pagnoni**. "Analyzing Branch-and-Bound Algorithms for the Multiprocessor Scheduling Problem." *arXiv preprint arXiv:1901.07070* (2019).
- **Pagnoni, Artidoro**, Kevin Liu, and Shangyan Li. "Conditional variational autoencoder for neural machine translation." *arXiv preprint arXiv:1812.04405* (2018).
- **Pagnoni, Artidoro**, Stefan Gramatovici, and Samuel Liu. "PAC Learning Guarantees Under Covariate Shift." *arXiv preprint arXiv:1812.06393* (2018).
- Szanto, Aron, Timothy Tamm, and **Artidoro Pagnoni**. "Taint tracking for webassembly." *arXiv preprint arXiv:1807.08349* (2018).

