Desmond Elliott

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Education

Jun 2015	**Ph.D Computer Science**, *University of Edinburgh*
May 2011	**MSc(R) Computing Science**, *University of Glasgow*
May 2007	**BSc (Hons) Computer Science**, *University of Edinburgh*

Employment

2024-	**University of Copenhagen**, *Associate Professor*, Denmark
2018–2024	**University of Copenhagen**, *Tenure-Track Assistant Professor*, Denmark
2017–2018	**University of Edinburgh**, *Postdoctoral Researcher*, United Kingdom
2015–2017	**University of Amsterdam**, *Postdoctoral Researcher*, The Netherlands
2014–2015	**CWI**, *Postdoctoral Researcher*, The Netherlands

Visiting Positions

2025	**University of Helsinki**, *Visiting Professor*, Finland
2021	**University of Trento**, *Visiting Scholar*, Italy
2018	**Johns' Hopkins University**, *Visiting Scholar*, U.S.A

Teaching

2023–2024	**Fair and Transparent Machine Learning**, *7.5 ECTS MSc Course*
2023–2024	**Natural Language Processing**, *7.5 ECTS MSc Course*
2023–	**Fundamentals of Data Science**, *7.5 ECTS BSc Course*
2021–2023	**Data Science**, *15 ECTS BSc Course*
2019–	**Advanced Topics in NLP**, *7.5 ECTS MSc Course*
2019–2021	**Information Retrieval**, *7.5 ECTS MSc Course*

Selected Funded Grants

2023	Horizon Europe, TrustLLM, DKK 3.6M
2023	Villum Young Investigator, Pixel-based Encoding of Language, DKK 6M
2022	Facebook Research Award, Massively Multilingual Multimodal Data, $54K

Awards

2021	EMNLP Best Long Paper Award
2018	COLING Area Chair Favourite Paper

Keynote Talks

2024	3rd Workshop on Multimodal Understanding for the Web and Social Media
2023	Machine Learning in Poland
2022	MMLow Workshop at ICON 2022
2021	2nd Workshop on NLP Beyond Text, WWW 2021
2019	6th Workshop on Asian Translation, EMNLP 2019

Selected Invited Talks

2024   KU Leuven

2023   MIT

2022   Peking University

       Adobe Research

       HiTZ Webinar, University of the Basque Country

Postdoctoral Mentorship

2024–   Ilker Kessen

2024–   Danae Sanchez Villegas

2021–2022   Xiang Dai

Ph.D Supervision

2024–   Israfel Salazar

2024–   Ingo Ziegler

2024–   Konstantin Dobler (main advisor: Gerard de Melo)

2024–   Mehmet Onurcan Kaya (main advisor: Dim P. Papadopoulos)

2022–   Jonas F. Lotz (main advisor: Christian Igel)

2022–   Wenyan Li (main advisor: Anders Søgaard)

2020–   Rita Ramos (main advisor: Bruno Martins)

2019–2023   Emanuele Bugliarello

2015–2019   Emiel van Miltenburg (main advisor: Piek Vossen)

Selected Publications

A more complete publication list can be found on Google Scholar.

5. S. Yagcioglu, O. B. İnce, A. Erdem, E. Erdem, **D. Elliott**, and D. Yuret. Sequential Compositional Generalization in Multimodal Models. NAACL 2024.

4. R. Ramos, B. Martins, **D. Elliott**, and Y. Kementchedjhieva. *SmallCap: Lightweight Image Captioning Prompted with Retrieval Augmentation*. CVPR 2023

3. P. Rust, J. F. Lotz, E. Bugliarello, E. Salesky, M. de Lhoneux, and **D. Elliott**. *Language Modelling with Pixels*. ICLR 2023.

2. E. Bugliarello, F. Liu, J. Pfeiffer, S. Reddy, **D. Elliott**, E. M. Ponti, and I. Vulić. *IGLUE: A Benchmark for Transfer Learning across Modalities, Tasks, and Languages*. ICML 2022.

1. F. Liu, E. Bugliarello, E. M. Ponti, S. Reddy, N. Collier, and **D. Elliott**. *Visually Grounded Reasoning across Languages and Cultures*. EMNLP 2021.

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