Dustin Wright

PhD Fellow at University of Copenhagen
From San Diego, CA

✉ dw@di.ku.dk
⚬ dustinbwright.com

I'm a researcher in NLP and Machine Learning investigating automatic faithfulness detection in science journalism. My interests include domain adaptation and few-shot learning, including prompt-based learning and generation.

Scientific interests

- Natural Language Processing
- Machine Learning
- Fact Checking
- Science Journalism

Education

Dec 2022. PhD Computer Science
University of Copenhagen

June 2019. MSc in Computer Science
UC San Diego

Dec 2014. BS in Computer Engineering
San Diego State University

Topics

Domain Adaptation	Scholarly Text
Generation	Language Models
Few-Shot Learning	Bayesian Methods

Languages

English	Native
Danish	B2

Current

Oct. 2019 – PhD Fellow

DIKU, University of Copenhagen (Adv: Isabelle Augenstein)
NLP researcher for scientific fact checking and domain adaptation. Published 7 first author papers at ACL/EMNLP.

Experience

Jun. 2021 – Aug. 2021. Research Intern

Allen Institute for Artificial Intelligence; Remote
Published a paper on generating scientific claims for automatic scientific fact checking using BART.

Jun. 2019 – Aug. 2019. Research Intern

IBM; San Jose, CA
Developed an active learning method to perform relation extraction and knowledge graph construction for biomedical text.

Oct. 2017 – Jun. 2019. Graduate Student Researcher

UC San Diego; San Diego, CA
Designed a light-weight method for disease name normalization which outperformed SotA. Published best application paper at AKBC 2019.

Selected Publications

Wright, D., Pei, J., Jurgens, D., & Augenstein, I. (2021). Modeling Information Change in Science Communication with Semantically Matched Paraphrases. In *EMNLP 2022 (To Appear)*. Association for Computational Linguistics.

Wright, D., Wadden, D., Lo, K., Kuehl, B., Cohan, A., Augenstein, I., & Wang, L. L. (2022). Generating Scientific Claims for Zero-Shot Scientific Fact Checking. In *ACL 2022*. Association for Computational Linguistics.

Wright, D., & Augenstein, I. (2020). Transformer based multi-source domain adaptation. In *EMNLP 2020*. Association for Computational Linguistics.

Selected Awards and Honors

Marie Skłodowska-Curie PhD fellowship, 2019

Best application paper, AKBC 2019

Last updated: October, 2022.