

Julia IVE

Nationality: French

EDUCATION

2013 - 2017 PhD in Computer Science, LIMSI-CNRS, France and Cochrane France. Advisors: Prof. François Yvon, Associate Prof. Aurélien Max.

EXPERIENCE

Oct. 2020 - present Imperial College London, Data Science Institute, Research Fellow in Natural Language Processing, Managed by Prof. Yike Guo

Dec. 2019 – Oct. 2020 Imperial College London, Department of Computing, Research Associate in Multimodal Machine Learning, Managed by Prof. Lucia Specia

Nov. 2018 – Dec. 2019 University of Sheffield, Department of Computer Science, Research Associate in Quality Estimation for Machine Translation, Managed by Prof. Lucia Specia

Dec. 2017 – Nov. 2018 King's College London, Institute of Psychiatry, Psychology & Neuroscience, Research Associate for Biomedical Natural Language Processing, Managed by Prof. Robert Stewart

RESEARCH GRANTS

2018-2019 EPSRC Healtex Award, Towards shareable data in clinical NLP: Generating synthetic electronic health records", PI

ORGANISATION OF EVENTS

Nov. 2019 Workshop on Medical Text Generation, Creating artificial medical records from real ones: are they safe for research?, King's College London

RECENT SELECTED PUBLICATIONS

Ive, J., Li, A.M., Miao, Y., Caglayan, O., Madhyastha, P., Specia, L. (2021) Exploiting Multimodal Reinforcement Learning for Simultaneous Machine Translation. **EACL (to Appear)**.

Ive, J., Wang, Z., Fomicheva, M., Specia, L. (2021) Exploring Supervised and Unsupervised Rewards in Reinforcement Learning for Machine Translation. **EACL (to Appear)**.

Ive, J. et al. (2020). Generation and evaluation of artificial mental health records for Natural Language Processing. ***Npj Digital Medicine***.

Amin-Nejad, A., Ive, J., & Velupillai, S. (2020). Exploring Transformer Text Generation for Medical Dataset Augmentation. ***LREC***.

Ive, J., Madhyastha, P., & Specia, L. (2020). Deep copycat networks for text-to-text generation. ***EMNLP-IJCNLP***.

Wang, Z., Ive, J., Velupillai, S., & Specia, L. (2019). Is artificial data useful for biomedical Natural Language Processing algorithms? ***BioNLP Workshop***.

Ive, J., Madhyastha, P., & Specia, L. (2019). Distilling translations with visual awareness. ***ACL***.

Ive, J., Gkotsis, G., Dutta, R., Stewart, R., & Velupillai, S. (2018). Hierarchical neural model with attention mechanisms for the classification of social media text related to mental health. ***Workshop on Computational Linguistics and Clinical Psychology: From Keyboard to Clinic***.