Alexander **Johansen**

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Education

Stanford University   *Stanford, California, USA*

PH.D. COMPUTER SCIENCE, StatML SPECIALIZATION   *Sep 2020 - now*

Technical University of Denmark   *Kongens Lyngby, Denmark*

M.SC. MATHEMATICAL MODELING AND COMPUTATION, GPA: 11.44/12.00   *Sep 2014 - Dec 2016*

Copenhagen Business School   *Frederiksberg, Denmark*

B.SC. BUSINESS ADMINISTRATION AND INFORMATION SYSTEMS, GPA: 10.70/12.00   *Sep 2011 - Jun 2014*

Academic Reviews

2022-24	**NeurIPS**, Neural Information Processing Systems	*Reviewer*
2020-25	**ICLR**, International Conference on Learning Representations	*Reviewer*
2021-22	**Bioinformatics**,	*Reviewer*
2020	**ACL**, Association for Computational Linguistics	*Reviewer*
2020-24	**AAAI**, Association for the advancement of artificial intelligence	*Reviewer*
2018-20	**CoNLL**, Computational Natural Language Learning	*Reviewer*

Publications

2024	**Nucleic Acids Research**, *DeepLoc 2.1: multi-label membrane protein type prediction using protein language models.* M. Ødum, F. Teufel, V. Thumuluri, J. Armenteros, A. Johansen, O. Winther, H. Nielsen	*Journal*
2022	**Nucleic Acids Research**, *DeepLoc 2.0: multi-label subcellular localization prediction using protein language models.* V. Thumuluri, J. Armenteros, A. Johansen, H. Nielsen, O. Winther	*Journal*
2022	**Nature Biotechnology**, *SignalP 6.0 achieves signal peptide prediction across all types using protein language models.* F. Teufel, J. Armenteros, A. Johansen, M. Gíslason, S. Pihl, K. Tsirigos, O. Winther, S. Brunak, G. Heijne, H. Nielsen	*Journal*
2021	**Bioinformatics**, *NetSolP: predicting protein solubility in E. coli using language models.* V. Thumuluri, H. Martiny, J. Armenteros, J. Salomon, H. Nielsen, A. Johansen	*Journal*
2020	**Current Research in Biotechnology**, *Prediction of GPI-Anchored proteins with pointer neural networks.* M. Gíslason, H. Nielsen, J. Armenteros, A. Johansen	*Journal*
2020	**IEEE EMBC**, *Short term blood glucose prediction based on continuous glucose monitoring data.* A. Mohebbi, A. Johansen, N. Hansen, P. Christensen, J. Tarp, M. Jensen, H. Bengtsson, M. Mørup	*Poster*
2020	**ICLR**, *Neural arithmetic units.* A. Madsen, A. Johansen	*Spotlight*
2017	**Bioninformatics**, *An introduction to deep learning on biological sequence data: examples and solutions.* V. Jurtz, A. Johansen, M. Nielsen, J. Armenteros, H. Nielsen, C. Sønderby, O. Winther, S. Sønderby	*Journal*
2017	**ACM BCB**, *Deep recurrent conditional random field for protein secondary structure prediction.* A. Johansen, C. Sønderby, S. Sønderby, O. Winther	*Oral*
2017	**IEEE EMBC**, *A deep learning approach to adherence detection for type 2 diabetics.* A. Mohebbi, T. Aradóttir, A. Johansen, H. Bengtsson, M. Fraccaro, M. Mørup	*Poster*
2016	**IEEE ICASSP**, *Epileptiform spike detection via convolutional neural networks.* A. Johansen, J. Jin, T. Maszczyk, J. Dauwels, S. Cash, M. Westover	*Poster*

Patents

2022	**US Patent 11,354,565**, *Probability-Based Guider.* A. Johansen, B. McCann, J. Bradbury, R. Socher	*Approved*
2022	**US Patent 11,250,311**, *Deep Neural Network-Based Decision Network.* A. Johansen, B. McCann, J. Bradbury, R. Socher	*Approved*