

# Stanford

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## Alexander Johansen

Ph.D. Student in Computer Science, admitted Autumn 2020

### Bio

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#### INSTITUTE AFFILIATIONS

- Member (Student), Cardiovascular Institute

### Publications

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#### PUBLICATIONS

- **DeepLoc 2.1: multi-label membrane protein type prediction using protein language models.** *Nucleic acids research*  
Ødum, M. T., Teufel, F., Thummuluri, V., Almagro Armenteros, J. J., Johansen, A. R., Winther, O., Nielsen, H.  
2024
- **GraphPart: homology partitioning for biological sequence analysis.** *NAR genomics and bioinformatics*  
Teufel, F., Gíslason, M. H., Almagro Armenteros, J. J., Johansen, A. R., Winther, O., Nielsen, H.  
2023; 5 (4): lqad088
- **DeepLoc 2.0: multi-label subcellular localization prediction using protein language models.** *Nucleic acids research*  
Thummuluri, V., Almagro Armenteros, J. J., Johansen, A. R., Nielsen, H., Winther, O.  
2022
- **SignalP 6.0 predicts all five types of signal peptides using protein language models.** *Nature biotechnology*  
Teufel, F., Almagro Armenteros, J. J., Johansen, A. R., Gíslason, M. H., Pihl, S. I., Tsirigos, K. D., Winther, O., Brunak, S., von Heijne, G., Nielsen, H.  
1800
- **NetSolP: predicting protein solubility in Escherichia coli using language models.** *Bioinformatics (Oxford, England)*  
Thummuluri, V., Martiny, H. M., Almagro Armenteros, J. J., Salomon, J., Nielsen, H., Johansen, A. R.  
2022; 38 (4): 941-946
- **NetSolP: predicting protein solubility in E. coli using language models.** *Bioinformatics (Oxford, England)*  
Thummuluri, V., Martiny, H., Armenteros, J. J., Salomon, J., Nielsen, H., Johansen, A. R.  
2021
- **Prediction of GPI-anchored proteins with pointer neural networks** *CURRENT RESEARCH IN BIOTECHNOLOGY*  
Gíslason, M., Nielsen, H., Armenteros, J., Johansen, A.  
2021; 3: 6-13
- **Deep protein representations enable recombinant protein expression prediction.** *Computational biology and chemistry*  
Martiny, H. M., Armenteros, J. J., Johansen, A. R., Salomon, J., Nielsen, H.  
2021; 95: 107596