

Alexander Rosenberg Johansen's Resume

PERSONAL INFORMATION

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PROFESSIONAL EXPERIENCE

2017 Salesforce Research
Deep learning research, intern. Supervised by Richard Socher.

2016 Technical University of Denmark
Teaching assistant in Deep Learning (TensorFlow/Theano)

2015 – 2016 Consultant for seez.co (Emerati start-up)
Backend development and car/license plate recognition

2015 Technical University of Denmark
Teaching assistant in introduction to programming (Matlab, R, Python)

2012 – 2013 SAP Global

EDUCATION

2014 – 2017 Technical University of Denmark (DTU), Denmark
MSc in Mathematical Modelling and Computing, on the Elite Honours track, specializing in Deep Learning. The first part was software engineering centred and the latter devoted to research on deep learning. I expect to graduate November 2016. Final GPA is 11.44 (-3 to 12)

2015 Exchange: Nanyang Technological University (NTU), Singapore
My exchange study was devoted to research on deep learning methods and application of deep learning on detecting epilepsy from EEG signals. In making deep learning algorithms I managed to structure and execute advanced coding projects utilizing high-performance equipment.

2011 – 2014 Copenhagen Business School (CBS), Denmark
BSc in Business Administration and Information Systems. Final GPA is 10.70(-3 to 12)

2013 Exchange: Lincoln University, New Zealand

PUBLICATIONS AND ACHIEVEMENTS

A. R. Johansen, J. Jin, T. Maszczyk, J. Dauwels, S. S. Cash and M. B. Westover, "Epileptiform spike detection via convolutional neural networks" 2016 ICASSP

A. R. Johansen, J. M. Hansen, E. K. Obeid, C. S. Sonderby and O. Winther, "Neural Machine Translation with Characters and Hierarchical Encoding" 2016 NIPS RNN SYMPOSIUM

Started the tensorflow.contrib.seq2seq library

Top 17% (whale recognition) and 26% (diabetic retinopathy) on Kaggle

Received \$12,000 in scholarships for my exchange studies.

TECHNICAL

Software Development My BSc and the first part of my MSc was mainly focused around software engineering, with Python, Java, SQL, F#, Matlab, Prolog and PHP. Moreover, I have learned Linux, Git, Vim and Latex independently.	Mathematical Modelling At my MSc I have delved into topics on deep learning and algorithms & data structures. I currently work in PyTorch, Google TensorFlow (where I also contribute), Theano and Lasagne. Further, I have experience in parallel algorithms and CUDA implementations.
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PERSONAL INTERESTS AND ACHIEVEMENTS

Sustainability and the welfare of our planet is a key topic to me. I use my technical skills in my spare time on subjects such as rare species detection (whales) and ocean health analysis.