Alexander Rosenberg Johansen's Resume

PERSONAL INFORMATION

Phone:	(+45) 5386 5060	Github:	github.com/alrojo
D.O.B.:	29-06-1991	Kaggle:	kaggle.com/alrojo
Nationality:	Danish	Email:	alexander@munk.ai
Address:	Tomsgaardsvej 11, 2tv 2400 NV, Copenhagen, Denmark		

PROFESSIONAL EXPERIENCE

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 – Present **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 was 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 was 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 Google TensorFlow (where I also contribute), Theano and Lasagne. Further, I have experience in parallel algorithms and CUDA implementations.

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.