

Lasse REEDTZ

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I'm a machine learning engineer with a passion for neural networks, machine vision and tricky implementation. I'm at home in the middle of a difficult coding problem, where finding the most computationally efficient solution is always my goal. I like to build things that work and I'm always happy to lend a hand. I have a solid background in developing and launching B2B applications and software solutions. I spend my free time on kaggle or indoor rock climbing.

EDUCATION

Master of Science (M.Sc.), Digital Media Engineering
Technical University of Denmark, COMPLETED MAR 2015

Major: Data Science, Big Data

Thesis: "Fast Convolutional Deep Learning for Image Segmentation" - lre.github.io/MasterThesis.pdf

During my master's thesis, I contributed to the development of a two-part neural network library, 'cudarray' and 'deeppy', written in python and led by a PhD student. Using the library I implemented a cutting edge image segmentation network structures. The libraries can be found at github.com/lre/deeppy and github.com/lre/cudarray. The thesis can be found at lre.github.io

Bachelor of Science (B.Sc.), Software Technology
Technical University of Denmark, COMPLETED JUL 2011

Thesis: "Ad-hoc Network on Android" | Ad-Hoc distributed network on mobile phone

This degree provided an all-round software engineering education in mathematical and computer science principals of software development. I left with a good understanding of AI, algorithms and the tools used to develop fast and intelligent software.

WORK EXPERIENCE

Machine Learning Engineer, Engineering Consultant
2BM A/S, MAR 2015 - CURRENT

Internal Research & Development relating to Data Collection and Data Modelling software, utilizing Machine Learning methods and Big Data. Continuing to support the 2BM Enterprise Mobility department when needed. Neural Networks, Python, C#, C++, Amazon AWS, EC2, RDS, kafka, Swift, Objective-C, and Javascript.

Junior Consultant, iOS Developer
2BM A/S, OKT 2011 - MAR 2015

Demanding part-time student position. Regularly developed and launched B2B iOS Apps with a focus on backend development, Data collection and Data visualization including some experience with web based applications. C# , Swift , Objective-C , Javascript , D3.js , .NET MVC , Amazon AWS , Open Layers

Junior Consultant
A2 A/S, DEC 2009 - OKT 2011

Student position, Software Development, Internal IT

RELEVANT SKILLS

WORKED WITH: Machine Learning, Convolutional Neural Networks, Deep Learning
Linux, SQL, NoSQL, AWS, CUDA, cuDNN, Theano, TensorFlow

ADVANCED PROGRAMMING: Python, C#

INTERMEDIATE PROGRAMMING: JavaScript, C++

BASIC PROGRAMMING: Objective-C, MATLAB, Java, Swift, Scala

BILINGUAL: Danish and English

INTERESTS AND ACTIVITIES

Kaggle Competitions, Indoor Rock Climbing, Mountain Biking, Skiing, Travel, Beer Brewing, Bread Baking