Alexander R. Johansen's Resume

PERSONAL INFORMATION

Github:	github.com/alrojo
Kaggle:	kaggle.com/alrojo
Address:	Tomsgaardsvej 11, 2tv
	2400 NV, Copenhagen, Denmark
Email:	alexander@herhjemme.dk
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D.O.B.:	29-06-1991
Nationality:	Danish

PROFESSIONAL EXPERIENCE

2015 – **Consultant for seez.co (Emerati start-up)**
- Building backend and doing car/license plate recognition for their app

2015 **Technical University of Denmark**
- ✓ TA intro. Programming(Matlab, R, Python)

2012 – 2013 **SAP Consulting - Denmark**

2012 **SAP Global**

EDUCATION

2014 – Present **Technical University of Denmark (DTU), Denmark**
- MSc in Mathematical Modelling and Compute, on the Elite Honours track, specializing in Deep Learning
  GPA **10.81(-3 to 12)**

2015 **Exchange: Nanyang Technological University (NTU), Singapore**
- ✓ Deep Learning research projects in EEG and protein structures (both still ongoing)

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

2013 **Exchange: Lincoln University, New Zealand**

PUBLICATIONS AND ACHIEVEMENTS

2015	**World record on cb513[1][2]. Improved SOTA by 1.5% with Ole Winther[3] (DTU)**
2015	**Paper accepted for ICASSP2016 with Justin Dauwels[4] (NTU) on EEG Deep Learning**
2015	**Top 30% in the $100,000 Diabetic Retinopathy Detection challenge on Kaggle.com**
2015	**Top 20% in the $10,000 Right Whale Recognition challenge on Kaggle.com**
2013-2015	**Received $12,000 in scholarships for exchange studies**

TECHNICAL

Software Development (ordered in capability)
- ✓ Java (170 class/30k loc project), SQL, Python
- ✓ Prolog, F#, R, Matlab
- ✓ Linux, Github, Vim
- ✓ PHP, HTML, JavaScript

Mathematical Modelling skills
- ✓ Theano, Lasagne
- ✓ C++, CUDA
- ✓ Topics in Algorithms & Data Structures
- ✓ Topics in Deep Learning

ENGLISH QUALIFICATIONS

2015	Exchange: Singapore
2014-2016	MSc taught in English
2013	Exchange: New Zealand
2013	TOELF: 105 (of 120)

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[1] princeton.edu/~jzthree/datasets/ICML2014/
[2] github.com/alrojo/RNNProteins.git
[3] cogsys.imm.dtu.dk/staff/winther/
[4] dauwels.com

PERSONAL ACCOMPLISHMENTS

- ✓ Bungy jumping 134m (New Zealand)
- ✓ Climbed mount Rinjani 3726m (Indonesia)
- ✓ Solo trekking in Khao Sok (Thai Jungle)

INTERESTS & PERSONALITY

I enjoy the outdoors, nature and hiking with favourite vacation consisting of exploring undisturbed nature. Debating the sustainability and social welfare of our planet is a key topic to me.
Professionally I enjoy challenges, not necessarily for competition, but for pushing my own boundaries.
Autonomy is of essence to me as well as the honesty and integrity autonomy implies.

MOOCS/E-LEARNING

Year	Result or Time	Course
2016	5 weeks	Udacity: Intro. CUDA
2013 – 2015	150 hours	Khan Academy: 385 mastery badges(35% completed)
2012 – 2015	7 weeks	Coursera: Machine Learning
2014 – 2015	28 weeks	OCW/CJ/Coursera: Algorithms and Data Structures
2014	3 weeks	OpenSAP: Introduction to SAP HANA Cloud Platform
2013	89%	OpenSAP: Mobile Solution Development
2013	85%	OpenHPI: In-Memory Database Management