

Hampus Hjelm Andersson

CONTACT INFORMATION

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Gnosjö, Sweden

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RESEARCH INTERESTS

- Computational Mathematics: Convolutional neural networks in image processing, Feed-forward and Recurrent Networks, Stochastic Networks, Computing with regards to Plasticity and Learning.
- Neuroscience: Functional brain imaging, emotion regulation and vulnerability to stress, well-being due to contemplative practices (meditation), changes in plasticity due to contemplative practices, neural basis of contemplative practices.

EDUCATION

Linköping University, Linköping

Individula Coursers in Neuroscience and Machine learning 2015-2016

- Coursera Data Science Specialization: Data Scientist's toolbox, R programming, Getting and Cleaning data, Exploratory Data Analysis, Reproducible Research, Statistical Inference, Regression Models, Practical Machine Learning.
- NeuroScience Courses: Cognition and emotion, Object-oriented programming java, Language technology systems, Cognitive modelling.

M.S., **Mathematics**, Jun 2014

- Topic: *Properties Of The Product Of Countably Many Real Lines In The Box Topology*
- Advisor: **Vitalij Tjatyрко** , D.Sc.

B.S., **Mathematics** , Jun 2010

- Topic: *Classification Of Second Order Symmetric Tensors In The Lorentz Metric*
- Advisor: **Göran Bergqvist** , Ph.D

LIFE EXPERIENCE

Traveling, visiting (for the purpose of practicing meditation) and doing volunteer work at meditation retreats

- ◇ Volunteer working at Meditation center
Dhamma sobhana , Ödeshög Autumn 2012, 2017
- ◇ Visiting Meditation center **Thusita** in Dharamsala, India Spring 2013
- ◇ Visiting Dalia lama residence in Dharamsala ,India Spring 2013
- ◇ Visiting **Deer park** meditation center , India Spring 2013
- ◇ Visiting Meditation center **Suan mokkh**, Thailand Spring 2014
- ◇ Visiting Meditation center **Wat ram poeng**, Thailand Spring 2014
- ◇ Visiting **Wat kow tham** meditation center, Thailand Spring 2014
- ◇ Volunteer working at **Amaravati Buddhist Monestary** , England Spring 2014 & 2018

TEACHING EXPERIENCE	Maple Teaching Assistant	Spring 2011
	TATA43 - Calculus in several variables Instructor: Lars Alexandersson Department of Mathematics, Linköping University	
	Teaching Assistant	Autumns 2009–10
	TATM79 - Foundation Course in Mathematics Instructor: Göran Forsling Department of Mathematics, Linköping University	
REFERENCES	Göran Bergqvist	
	Professor of Applied Mathematics	Phone: +46 - 13 - 28 40 64
	Department of Mathematics Linköping University	E-mail: gober@mai.liu.se
	Vitalij Tjatyрко	
	Associate Professor	Phone: +46 - 13 - 28 28 56
	Department of Mathematics Linköping University	E-mail: vitja@mai.liu.se
	Ulf Janfalk	
	Senior lecturer	Phone: +46 - 13 - 28 23 74
	Department of Mathematics Linköping University	E-mail: uljan@mai.liu.se
SOFTWARE SKILLS	Computer Programming:	
	• R, Python, Tensorflow, MATLAB, Maple, L ^A T _E X, C++, basic unix	