Curriculum Vitae: Young-Jun Ko

Personal Details

Lastname	Ko
Firstname	Young-Jun
Address	EPFL IC ISC LCA4
	INR 140 (Batiment INR), Station 14
	CH-1015 Lausanne, Switzerland
Phone(mobile)	+41-78-6333558
E-Mail	youngjun.ko@gmail.com
WWW	yjk21.github.io
Permit Status	Swiss B-Permit, valid until 2020

Education

Since 02.2011	**PhD Student at EPFL, Lausanne, Switzerland**
	Research: *Probabilistic Modeling and Variational Approximate Inference applied to Low Level Computer Vision and Collaborative Filtering, Recurrent Neural Networks for Recommender Systems*
	Supervisor: Prof. Matthias Grossglauser, Computer Communications and Applications Laboratory (LCA)
	Advisor: Dr. Matthias W. Seeger, Amazon
10.2007 - 06.2010	**MSc in Computer Science at Saarland University, Saarbrücken, Germany**
	Final GPA: 1.3 (German Scale: 1.0 (Best) - 6.0)
	Supervisor: Prof. Matthias Hein, Machine Learning Group
	Thesis: *Stability of Feature Selection Methods*
10.2002 - 09.2005	**Dipl.-Inf.(BA)/BSc(OU) in Applied Computer Science at the University of Cooperative Education, Mannheim, Germany**
	Final GPA: 1.4
	Thesis: *Rule-based Invoicing of IBM Infrastructure Services for Deutsche Bank*
1993 - 2002	**Abitur (A-Levels) at Lessing Gymnasium (Grammar School), Frankfurt, Germany**
	Final Grade: 1.3 (Specialization: Mathematics, English)

Publications

2015	Y.-J. Ko, M. Seeger, Expectation Propagation for Rectified Linear Poisson Regression, *Asian Conference for Machine Learning 2015*
2014	Y.-J. Ko, M. E. Khan, Variational Gaussian Inference for Bilinear Models of Count Data, *Asian Conference for Machine Learning 2014*
2014	M. E. Khan, Y.-J. Ko, M. Seeger, Scalable Collaborative Bayesian Preference Learning, *Artificial Intelligence and Statistics 2014*

2013	M. E. Khan, Y.-J. Ko, M. Seeger, Scalable Bayesian Preference Learning, *Neural Information Processing Systems 2013* Workshop on Personalization 2013
2012	Y.-J. Ko, M. Seeger, Large Scale Variational Bayesian Inference for Structured Scale Mixture Models, *International Conference on Machine Learning 2012*

Scholarships

07.2010 - 09.2010	PhD Scholarship of the International Max Planck Research School for Computer Science (Cancelled due to the move to EPFL)
04.2008 - 09.2009	Scholarship of the Saarbrücken Graduate School in Computer Science
Summer Sem. 2008	Tuition Fee Waiver (Grades in the top 5%, afterwards Fees were abolished)

Work Experience

Since 02.2011	**Research- and Teaching Assistant**
	Pattern Recognition and Machine Learning (MSc level course), Internet Analytics (BSc level, BigData Analysis using Hadoop)
10.2006 - 10-2007	**Software Developer at SAP AG - Financial Services(Analytical Banking)**
	SAP Bank Analyzer 6 Process Infrastructure Development in ABAP Objects on the Netweaver Plattform
10.2005 - 09.2006	**Software Developer at IBM Systems & Technology Group**
	IBM Total Storage Productivity Center Development (Storage Area Network Management based on SNIA SMI-S Interface)
01.2005 - 03.2005	**Internship at IBM ITS Consulting & Architecture**
	Development of a network connection analysis tool in J2EE
06.2004 - 09.2004	**Internship at IBM AMS Solution Implementation**
	Design and implementation of a framework for backend system integration
01.2004 - 03.2004	**Internship at IBM BCS Sector Finance**
	Design and implementation of a web framework for frontoffice work places

Languages and Technologies

Natural:	English(fluent), German(fluent), Korean(intermediate), French(basic), Latinum
Programming:	Python(intermediate), Julia(intermediate), Matlab(intermediate), C/C++(intermediate), Java(Intermediate), SQL(basic)
Technologies:	Theano and Tensorflow for GPU-accelerated Neural Networks, Hadoop Map/Reduce, Linux, git

Lausanne, September 21, 2016