Curriculum Vitae

Personal information

Name:	**Maciej Kruk**
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Work Experience (references available upon request)

Oct 2012 – Oct 2013	*u2i LLC in Krakow, Poland* High availability system design and development, big data analysis, web development
Jan 2012 – Aug 2012	*Fujitsu Laboratories Ltd. in Kawasaki, Japan* Combinatorial optimization, formal verification, natural language processing
July 2009 – Aug 2011	*Institute of Nuclear Physics PAN in Krakow, Poland* Cloud system development
July 2010 – Sept 2010	*ESISAR, Grenoble Institute of Technology in Valence, France* Water flow modelling and visualization
Aug 2008 Feb 2008 Sept 2007	*CERN – European Organization for Nuclear Research in Geneva, Switzerland* Optimization and implementation of regression and classification algorithms in Toolkit for Multivariate Data Analysis of ROOT framework
June 2007 – Sept 2007	*Institute of Nuclear Physics PAN in Krakow, Poland* Construction of multivariate analysis algorithm for ATHENA detector at CERN

Education

2011 – 2013 (expected graduation date)	*AGH University of Science and Technology in Krakow, Poland* Specialization: Interactive Systems and Visualization Methods Computer Science, Master of Science
2007 – 2011	*AGH University of Science and Technology in Krakow, Poland* Computer Science, Engineer

Personal Achievements

2012	*ACM Central Europe Programming Contest in Krakow, Poland* Finalist
2010	*Google AI Challenge* 105th place (out of 4600 contestants)
2007	*ACM Central Europe Programming Contest in Prague, Czech Republic* Finalist
2006	*Poznan Open 2006 – Team Programming Championship* 1st place in junior classification 7th place in open classification
2006	*XIII Polish Olympiad in Informatics* Finalist

Skills and Competences

Foreign languages	Polish (native) English (fluent) Japanese (intermediate)
Programming	C/C++, Java, Ruby
Big data	Hive, Pig, Hadoop, Amazon Elastic MapReduce
High availability	Pacemaker, Opscode Chef, Amazon EC2, S3, RDS, OpsWorks
Web development	Ruby on Rails, CSS, HTML
Environments	Vim, Emacs, Eclipse, Visual Studio
Others	Advanced algorithms and data structures