Curriculum Vitae

Personal information

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

Jan 2012 – Aug 2012	*Fujitsu Laboratories Ltd. in Kawasaki, Japan* Combinatorial optimization and formal verification
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* Modelling and visualization of water flow
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 tauRec package of Athena framework.

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	*Udacity* Highest distinction for CS373: Artificial Intelligence and CS387: Applied Cryptography
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, Python
Virtualization	Xen, KVM, QEMU, VMWare, libvirt
Parallel computing	OpenMPI , CUDA, OpenCL
Graphics	OpenGL 3.3
Environments	Vim, Eclipse
Others	Advanced algorithms and data structures