

Curriculum Vitae

Personal information

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

Jan 2012 – Aug 2012	<i>Fujitsu Laboratories Ltd. in Kawasaki, Japan</i> Combinatorial optimization and formal verification
July 2009 – Aug 2011	<i>Institute of Nuclear Physics PAN in Krakow, Poland</i> Cloud system development
July 2010 – Sept 2010	<i>ESISAR, Grenoble Institute of Technology in Valence, France</i> Modelling and visualization of water flow
Aug 2008	<i>CERN – European Organization for Nuclear Research in Geneva, Switzerland</i>
Feb 2008	Optimization and implementation of regression and classification methods in Toolkit for
Sept 2007	Multivariate Data Analysis of ROOT framework
June 2007 – Sept 2007	<i>Institute of Nuclear Physics PAN in Krakow, Poland</i> Construction of multivariate analysis algorithm for tauRec package of Athena framework

Education

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

Personal Achievements

2012	Udacity Highest distinction for CS373: Programming a Robotic Car and CS387: Applied Cryptography
2010	Google AI Challenge 105 th place (out of 4600 contestants)
2007	ACM Central Europe Programming Contest in Prague, Czech Republic Finalist
2006	Poznan Open 2006 – Team Programming Championship 1 st place in junior classification 7 th 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
Parallel computing	OpenMPI, CUDA, OpenCL
Virtualization	Xen, KVM, QEMU, VMWare, libvirt
Environments	Vim, Eclipse
Others	Advanced algorithms and data structures