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| Curriculum Vitae | | |
| Personal information | | |
| Name: | | Maciej Kruk |
| Mobile: | | (+81) 80 3355 7017  (+48) 604 255 256 |
| E-mail: | | [maciej.kruk@gmail.com](mailto:maciej.kruk@gmail.com) |
| Experience | | |
| Jan 2012 – Aug 2012 | *Fujitsu Laboratories Ltd. in Kawasaki, Japan* | |
| July 2009 – Aug 2011 | *Institute of Nuclear Physics PAN in Krakow, Poland*  Cloud management system development (CC1 project) | |
| July – Sept, 2010 | *ESISAR, Grenoble Institute of Technology in Valence, France*  Modelling and visualization of water flow in canal systems (Lattice Boltzmann Models) | |
| Aug, 2008 | *CERN – European Organization for Nuclear Research in Geneva, Switzerland*  Implementation of regression and classification algorithms in Toolkit for Multivariate Data Analysis | |
| Feb, 2008 | *CERN – European Organization for Nuclear Research in Geneva, Switzerland*  Implementation of Simulated Annealing in TMVA package of ROOT framework | |
| Sept, 2007 | *CERN – European Organization for Nuclear Research in Geneva, Switzerland*  Optimization of Multidimensional Probability Density Estimator Range Search in TMVA package of ROOT framework | |
| June – Sept, 2007 | *Institute of Nuclear Physics PAN in Krakow, Poland*  Construction of multivariate analysis algorithm for tauRec package of Athena framework | |
| Education |  | |
| 2011 – | *AGH University of Science and Technology in Krakow, Poland*  Computer Science, Master of Science  Specialization: Interactive Systems and Visualization Methods | |
| 2007 – 2011 | *AGH University of Science and Technology in Krakow, Poland*  Computer Science, Engineer | |
| Personal Achievements | | |
| 2012 | *CS373: Programming a robotic car, Udacity*  Accomplishment with highest distinction | |
| 2007 | *ACM Central Europe Programming Contest in Prague, Czech Republic*  40th place | |
| 2006 | *AGH University of Science and Technology in Krakow, Poland*  1st place in junior classification (7th in open classification) | |
| 2006 | *XIII Polish Olympiad in Informatics*  Finalist | |
| Skills and Competences | | |
| Foreign languages | Polish (native speaker), English (fluent), Japanese (intermediate – JLPT N3 certificate) | |
| Programming languages | C, C++, Java, Python (work experience), Erlang, Lisp, Icon, Ruby, Perl, Pascal, Assembly 8086, MATLAB (some experience) | |
| Graphics | OpenGL 3.3, GLSL, CUDA, OpenCL | |
| Cloud computing | OpenNebula, Eucalyptus, Amazon EC2, Amazon S3 | |
| Virtualization | Xen, KVM, QEMU, VMWare, libvirt | |
| Web | PHP, HTML, CSS | |
| Databases | MS SQL, CouchDB | |
| Operating systems | Windows, Linux, BSD UNIX, Solaris | |
| Environments | Vim, Eclipse | |
| VCS | Subversion, Git | |
| Others | Advanced algorithms and data structures | |