Maciej Kruk | Curriculum Vitae

Jagodowa 1 – 32-551 Babice – Poland

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Listening is not waiting to speak

Objective

I aim to solve highly challenging real-life problems. I use my fast learning ability and computer competence to stay on top of new technologies and strive to become a reliable and proficient IT consultant.

Experience

u2i LLC   **Krakow, Poland**
Software Engineer   *Oct 2012–Oct 2013*
Developing a web application (Ruby on Rails) and a supporting backend (MySQL, Java, Redis) for Twitter TV analytics as part of an Agile team. Working directly with clients as an IT consultant. Personal responsibilities included design and development of a robust tweets collection system capable of handling a constant stream of high volume data (Java, Hosebird, Kestrel), performing analytics on the data (Hive, Hadoop) and managing the associated infrastructure (Amazon Web Services, Chef). Other technologies involved: Pacemaker, Pivotal, git, jQuery, node.js, CSS.

Fujitsu Laboratories Ltd   **Kawasaki, Japan**
Algorithmic Researcher, Intern, Vulcanus in Japan Programme   *Jan 2012–Aug 2012*
Technical internship in a multicultural environment. Individual research project involving combinatorial optimization of a large electrical grid. Small side projects including sentiment detection (natural language processing) and formal verification (PRISM, Verilog).

ESISAR, Grenoble Institute of Technology   **Valence, France**
Software Developer, Intern, LLP ERASMUS programme   *July 2010–Sept 2010*
Water flow modelling and visualization using Lattice-Boltzmann methods in 2D and 3D. C++, MATLAB, Palabos.

Institute of Nuclear Physics PAN   **Krakow, Poland**
Software Engineer   *July 2009–Aug 2011*
Designing the infrastructure and developing the back-end of a private cloud system. Xen, KVM, Libvirt, OpenNebula, Eucalyptus, Python, Django, Redmine, Git.

CERN - European Organization for Nuclear Research   **Geneva, Switzerland**
Software Developer, Summer job   *Aug 2008, Feb 2008, Sept 2007*
Regression and classification algorithms optimization and implementation in Toolkit for Multivariate Data Analysis of ROOT package. C++, ROOT, SVN.

Institute of Nuclear Physics PAN   **Krakow, Poland**
Software Developer, Summer job   *June 2007–Sept 2007*
Preparing a tool for multidimensional event classification for ATHENA detector at CERN based on approximation of a probability density function of training data. C++.

Education

AGH University of Science and Technology   **Krakow, Poland**
Master of Science   *2011–2013*
Computer Science
Specialization: Interactive Systems and Visualization Methods

AGH University of Science and Technology   **Krakow, Poland**
Engineer   *2007–2011*
Computer Science

Languages

Polish: Native

English: Fluent

Japanese: Intermediate   *Japanese Language Proficiency Test, Level N3, Dec 2012*

Skills and Competences

Programming: C/C++, Java, Ruby, Python

Big data: Hive, Hadoop

DevOps: Chef, Amazon EC2, S3, RDS, OpsWorks, EMR, Pacemaker

Web development: Ruby on Rails, CSS, HTML

Environments: Vim, Emacs, Eclipse, Visual Studio 2012

Operating systems: Windows, Linux, OS X

Others: Git, LaTeX, Agile Methodologies

Specialty: Advanced algorithms and data structures

Interests

Travel, literature, skiing.

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Company Recruitment team   January 01, 1984

Company, Inc.

123 somestreet

some city

Dear Sir or Madam,

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis ullamcorper neque sit amet lectus facilisis sed luctus nisl iaculis. Vivamus at neque arcu, sed tempor quam. Curabitur pharetra tincidunt tincidunt. Morbi volutpat feugiat mauris, quis tempor neque vehicula volutpat. Duis tristique justo vel massa fermentum accumsan. Mauris ante elit, feugiat vestibulum tempor eget, eleifend ac ipsum. Donec scelerisque lobortis ipsum eu vestibulum. Pellentesque vel massa at felis accumsan rhoncus.

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Albert Einstein discovered that $e = mc^2$ in 1905.

$$e = \lim_{n \to \infty} \left(1 + \frac{1}{n}\right)^n$$

Yours faithfully,

Maciej Kruk

Attached: curriculum vitæ