

# Maciej Kruk

## Curriculum Vitae

Jagodowa 1  
32-551 Babice  
Poland  
**M** +48 604 255 256  
**E** maciej.kruk@gmail.com  
**in** maciejkruk

## Education

**Master of Science**, *AGH University of Science and Technology*, Krakow, Poland. **2011–2013**  
Computer Science  
Specialization: Interactive Systems and Visualization Methods  
**Engineer**, *AGH University of Science and Technology*, Krakow, Poland. **2007–2011**  
Computer Science

## Experience

**Software Engineer**, *u2i LLC*, Krakow, Poland. **Oct 2012–Oct 2013**  
High availability system design and development, big data analysis, web development  
**Algorithmic Researcher, Intern**, *Fujitsu Laboratories Ltd*, Jan 2012–Aug 2012  
Kawasaki, Japan.  
Combinatorial optimization, formal verification, natural language processing  
**Software Developer, Intern**, *ESISAR, Grenoble Institute of Technology*, Valence, France. **July 2010–Sept 2010**  
Water flow modelling and visualization  
**Software Engineer**, *Institute of Nuclear Physics PAN*, Krakow, Poland. **July 2009–Aug 2011**  
Cloud system development  
**Software Developer**, *CERN - European Organization for Nuclear Research*, Geneva, Switzerland. **Aug 2008, Feb 2008, Sept 2007**  
Optimization and implementation of regression and classification algorithms in Toolkit for Multivariate Data Analysis of ROOT framework  
**Software Developer**, *Institute of Nuclear Physics PAN*, Krakow, Poland. **June 2007–Sept 2007**  
Preparing a tool for multidimensional event classification based on approximation of the probability density function of training data for ATHENA detector at CERN

## Languages

**Polish**: Native

**English**: Fluent

**Japanese**: Intermediate

*Japanese Language Proficiency Test N3, Dec 2012*

## Skills and Competences

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

**Big data**: Hive, Pig, Hadoop

**High availability**: Pacemaker, Chef, Amazon EC2, S3, RDS, OpsWorks

**Web development**: Ruby on Rails, CSS, HTML

**Environments**: Vim, Emacs, Eclipse, Visual Studio 2012

**Operating systems**: Windows, Linux, Unix, OS X

**Others**: Git,  $\text{\LaTeX}$

**Specialty**: Advanced algorithms and data structures

**Company Recruitment team**

Company, Inc.  
123 somestreet  
some city

January 01, 1984

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.

Suspendisse commodo, massa eu congue tincidunt, elit mauris pellentesque orci, cursus tempor odio nisl euismod augue. Aliquam adipiscing nibh ut odio sodales et pulvinar tortor laoreet. Mauris a accumsan ligula. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos himenaeos. Suspendisse vulputate sem vehicula ipsum varius nec tempus dui dapibus. Phasellus et est urna, ut auctor erat. Sed tincidunt odio id odio aliquam mattis. Donec sapien nulla, feugiat eget adipiscing sit amet, lacinia ut dolor. Phasellus tincidunt, leo a fringilla consectetur, felis diam aliquam urna, vitae aliquet lectus orci nec velit. Vivamus dapibus varius blandit.

Duis sit amet magna ante, at sodales diam. Aenean consectetur porta risus et sagittis. Ut interdum, enim varius pellentesque tincidunt, magna libero sodales tortor, ut fermentum nunc metus a ante. Vivamus odio leo, tincidunt eu luctus ut, sollicitudin sit amet metus. Nunc sed orci lectus. Ut sodales magna sed velit volutpat sit amet pulvinar diam venenatis.

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

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

Yours faithfully,

**Maciej Kruk**

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*Attached: curriculum vitae*