

# Maciej Kruk

## Curriculum Vitae

Jagodowa 1

32-551 Babice

Poland

+48 604 255 256

✉ [maciej.kruk@gmail.com](mailto:maciej.kruk@gmail.com)

in [maciejkruk](#)

## Education

2011–2013 **Master of Science**, *AGH University of Science and Technology*, Krakow, Poland.

Computer Science

Specialization: Interactive Systems and Visualization Methods

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

Computer Science

## Experience

2012–2013 **Software Engineer**, *u2i LLC*, Krakow, Poland.

High availability system design and development, big data analysis, web development

2012 **Algorithmic Researcher, Intern**, *Fujitsu Laboratories Ltd*, Kawasaki, Japan.

Combinatorial optimization, formal verification, natural language processing

2012 **Software Developer, Intern**, *ESISAR, Grenoble Institute of Technology*, Valence, France.

Water flow modelling and visualization

2009–2011 **Software Engineer**, *Institute of Nuclear Physics PAN*, Krakow, Poland.

Cloud system development

2007–2008 **Software Developer**, *CERN - European Organization for Nuclear Research*, Geneva, Switzerland.

Optimization and implementation of regression and classification algorithms in Toolkit for Multivariate Data Analysis of ROOT framework

2007 **Software Developer**, *Institute of Nuclear Physics PAN*, Krakow, Poland.

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

Maciej Kruk  
Jagodowa 1  
32-551 Babice  
Poland  
☎ +48 604 255 256  
✉ maciej.kruk@gmail.com

**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**

Attached: curriculum vitae