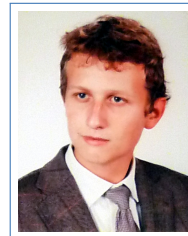


Stanisław Jastrzębski

BsC Computer Science

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Born: 7 July 1992, Cracow, Poland



Work experience

- 11.2014 – **WIDE.IO**, *remotedly*,
NOW Junior SDE.
- Distributed hash table for p2p computing HTML5/JS framework.
- 07-09.2014 **Microsoft**, *USA, Redmond*,
SDE Intern, Operating Systems.
- Design and development of novel Windows10 APIs
 - Developed solutions possibly affecting huge amount of users
- 07-09.2013 **WIDE.IO**, *UK, London*,
SDE Intern.
- Designed GPU neural network framework
 - Designed dataset manipulation language
 - Distributed computing engine

Education

- 2014 - **Jagiellonian University**,
Faculty of Mathematics and Computer Science ,
MsC Computer Mathematics, MsC Computer Science, tutor: Ph.D. Igor Podolak.
- 2011 - 2014 **Jagiellonian University**,
Faculty of Mathematics and Computer Science ,
BsC Computer Science (Individual Program), 5.0 (top 3/103), tutor: Ph.D. Igor Podolak.

Main skills

Statistical machine learning, deep learning, natural language processing
Software engineering, **software architecting**
Artificial intelligence techniques (robotics)
Big data, distributed programming (Hadoop, Akka, Spark), distributed algorithms

Programming languages

- Advanced** C++ (boost, C++11), Python (scikit-learn, numpy, theano, pandas)
Medium R, Scala (Akka, Spark), C#
Basic Java, Android, JS/JQuery/CoffeeScript

Activities

- 2012 - now **Jagiellonian GMUM research group**, *scientific collaborator as BsC student*,
<http://gmum.ii.uj.edu.pl/>.
- Programmer for National Research Grant "Novel active learning querying strategy for the machine learning models"
 - "Density invariant detection of osteoporosis using Growing Neural Gas" publication Springer 2013, Ph.D. Igor Podolak, Stanisław Jastrzębski

- 2013-2014 **National Robotics Competition KrakRobot 2014**, www.krakrobot.pl
Organizing Committee.
- Main organiser
 - Head of online qualifications (24 teams, simulator task)
- 2013-2014 **Jagiellonian Student Robotics Association**,
vice-president.
- organizing workshops, fundraising, leading projects

Achievements

- 2014 **kaggle.com**, Tradeshift Competition, 4th place (out of 370 teams)
- 2013 **Microsoft Imagine Cup**, Video Pitch Challenge, Honorable Mention (team leader)
- 2013 **National Robotics Competition Krakrobot**, 2nd place (team leader)
- 2012, 2013, 2014 **Jagiellonian University Rector's Scholarship**

Projects

- R, C++ **GMUM.r**, *Project maintainer and technical leader*,
 Machine learning algorithms designed at GMUM implemented as R package. 12 students and 2 PhD coordinators.
- Python, Scala, Akka, Neo4j **Ocean**, *Team leader*,
 Distributed news recommendation and tagging system. Group of 5 students.
<https://github.com/OceanVision/ocean>.
- R, C++ **Growing Neural Gas** ,
 Efficient online clustering algorithm implementation as R package.
<https://github.com/kudkudak/Growing-Neural-Gas> .
- Python, QT **KrakRobot 2014 Simulator**,
Robotics simulator prepared for National Robotics Competition Krakrobot 2014 eliminations. The contestants were faced with task of maneuvering in a maze with variable sensor accuracy and clues.

Online Education

- Web Intelligence and Big Data, Coursera.org
- Artificial Intelligence, Berkeley, edx.org
- Control of Mobile Robots, Coursera.org, Georgia Institute of Technology
- Algorithms and Data Structures I and II, Coursera.org, Stanford
- Natural Language Processing, Coursera.org
- Programming Mobile Application for Android Handheld Systems, Coursera.org, certified
- Discrete Inference and Learning in Artificial Vision , Coursera.org
- Image and video processing: From Mars to Hollywood with a stop at the hospital , Coursera.org

Languages

- English **Fluent** *Cambridge Advance Certificate*
- Spanish **Basic**

Hobbies

piano, sailing, robotics, mathematics, artificial intelligence, sci-fi books