

# Michał Jędrzej Stańczyk

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## Education

### Technical University of Gdansk

B.SC. IN APPLIED MATHEMATICS (INDIVIDUAL EDUCATION PLAN)

- thesis "On mathematical methods in programming computational processes", final grade 4.5
- 227.0 ECTS

Gdansk, Poland

Oct. 2007 – Feb. 2013

### University of Gdansk

INFORMATICS AND ECONOMETRICS, INTERRUPTED

Gdansk, Poland

Oct. 2004 – Jun. 2007

## Courses

[www.coursera.org](http://www.coursera.org)

"MACHINE LEARNING"

- score received: 100%

Sep. 2018

[www.coursera.org](http://www.coursera.org)

"FUNCTIONAL PROGRAMMING PRINCIPLES IN SCALA"

- score received: 100%

Nov. 2017

[ai-class.com](http://ai-class.com)

"INTRODUCTION TO ARTIFICIAL INTELLIGENCE"

- score received: 91.8%

Oct. 2011 - Dec. 2011

## Skills

<b>Programming regularly</b>	Scheme, JavaScript, Python, Ruby, Scala, C, PHP, Bash, Java, SQL, LaTeX
<b>Programming occasionally</b>	haskell, Clojure, elixir, GNU R, Octave/Matlab, c++, Common Lisp, MOS6510 assembly, ...
<b>Technologies</b>	Unix, emacs, Amazon AWS, VirtualBox, Docker, Selenium, ZFS (OpenSolaris/FreeBSD), git, make
<b>Natural Languages</b>	Polish (native), English (FCE), Spanish (muy poco)
<b>Other</b>	applying mathematics, public speaking/performing, self-organization, teamwork
<b>Now learning</b>	Prolog, miniKanren, Agda, modal logics

## Experience

### SentiOne Sp. z o.o.

NLP RESEARCHER/DEVELOPER

- design, implementation, and development of compiled information extraction pattern-based language MTT (Scheme, js, Python)
- inventing, prototyping, evaluating and documenting NLP systems/modules (MTT, Python, Scala, Scheme)
- design and implementation of browser-based development platform for MTT (Python+Flask, js+ace.js+peg.js, bootstrap)
- building RESTful APIs (Python+Flask)
- conducted workshops on model theory and Scheme/LISP

Spain (remote)

Dec. 2017 - NOW

### we're agile

SENIOR PROGRAMMER

- automated generation of PHP code from SQL schema (Ruby, SQL, Laravel)
- building fancy widgets (js)
- debugging and fixing of legacy/foreign code (Python, PHP)

Spain

Sep. 2017 - Nov. 2017

### jobfeed/coosto

PYTHON PROGRAMMER (JUNIOR SWITCHED TO SENIOR)

- maintenance and development of massive web scraping infrastructure (Python, Bash)
- development of web-based tools for scripters (PHP, js)
- conducted workshops on problem solving

Spain/Netherlands

Sep. 2016 - Jul. 2017

## **fido:labs**

Poland, Spain (remote)

NLP RESEARCHER/SENIOR PROGRAMMER

Jun. 2013 - Apr. 2016

- co-authored patent US9152623B2 “Natural language processing system and method”
- design, implementation, and development of SQL-like language LDQL for querying an English parser’s output (Scheme)
- programming IE scripts (LDQL, Stanford’s NER/POS tools, regexes)
- design and implementation of tiny pattern-matching language (Java)
- co-authored cloud-based massive processing system (PHP, AWS)
- building RESTful APIs (PHP)
- breaking and fixing many things (from Linux/AWS administration to CSS)

## **Enovatis SA**

Poland

JAVA/PHP SENIOR PROGRAMMER

Jan. 2011 - May 2013

- maintenance of legacy multi-source massive data retrieval system (Java)
- automated testing of web services (PHP+Selenium)
- implementing new features in company’s CRM (PHP, SQL)

## **(freelance jobs)**

Poland

PHP/JAVASCRIPT PROGRAMMER

Mar. 2010 - Nov 2011

- web stores roen.pl, zemastyle.pl (PHP, SQL, prestashop)
- custom-made CRM systems Rafal Brzoskowski Catering, Solace z o.o. (PHP, js, SQL)
- “bug-fixing emergency” for you-ebook.com (PHP)

## **Solphy Polska Sp. z o.o.**

Poland

RUBY/C JUNIOR PROGRAMMER

Jul. 2008 - May 2009

- porting Linux tools to OpenSolaris (Bash, C, make)
- implementing web interfaces for Network Array Storage system (Ruby+Webrick)
- helping with NAS service/maintenance

# **Extracurricular Activity**

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## **Special interest group of mathematics**

Technical University of Gdansk

MEMBER

Oct. 2008 - April 2015

- presented 15 lectures on logic, algebra, topology, dynamic systems
- conducted series of workshops on programming in GNU-R, and LISP
- conducted one-semester weekly course on programming in C
- attended lectures and conferences

## **Special interest group of logic**

University of Gdansk

MEMBER

Oct. 2011 - May 2013

- conducted workshops on naive set theory, elements of topology and model theory
- attended lectures and conferences

## **Meetups**

MEMBER

- since Sep 2016: *Python meetup* Eindhoven, Netherlands (toy programming language presentation)
- since Jan 2016: *Bay Area Lisp & Scheme Users Group*, Mountain View, CA, United States (hobby compiler demo)
- since Jul 2015: *Alicante Tech meetup* Alicante, Spain (two workshops on Scheme programming)

## **Programming practice platforms**

MEMBER

- since Aug 2016: Code Wars, 2 kyu ([www.codewars.com/users/drcz](http://www.codewars.com/users/drcz))
- since Dec 2015: Project Euler, level 2 ([projecteuler.net](http://projecteuler.net))

## **Game jams**

PARTICIPANT

- May 2016 miniLD #67, solo participant
- Apr 2016 Ludum Dare #35, solo participant (game got to top100)
- Jan 2014 Hack 3city, team member

## **Music**

NOT REALLY

- since 2018 running a tiny cassette label ([importantdronerecords.bandcamp.com](http://importantdronerecords.bandcamp.com))
- since 2014 recording and performing sustained tone minimalism ([soundcloud.com/drcz](http://soundcloud.com/drcz))