

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"

Gdansk, Poland

Oct. 2007 – Feb. 2013

University of Gdansk

INFORMATICS AND ECONOMETRICS, INTERRUPTED

Gdansk, Poland

Oct. 2004 – Jun. 2007

Online courses

- www.coursera.org – "Machine Learning" – score 97.25% (Jul. 2018 – Sep. 2018)
- www.coursera.org – "Functional Programming Principles in Scala" – score 100% (Nov. 2017)
- ai-class.com – "Introduction to Artificial Intelligence" – score 91.8% (Oct. 2011 – Dec. 2011)

Skills

Programming experience	Scheme, JavaScript, Python, PHP, Ruby, C, Bash, Java, Scala, Haskell, GNU R, SQL, LaTeX
Programming occasionally	Common Lisp, Clojure, Elixir, Prolog, OCaml, Octave/Matlab, C++, MOS6510 assembly, ...
Now learning	more Prolog, miniKanren
Technologies used	*nix, emacs, git, make, AWS, VirtualBox, Docker, ZFS (OpenSolaris/FreeBSD), Redis, Selenium
Natural Languages	Polish (native), English (FCE B2), Spanish (A1, learning A2)
Other	teamwork, remote, Scrum, Jira, applying mathematics, public speaking/performing

Experience

SentiOne

RESEARCH ENGINEER

- design & implementation of complied information extraction language *MTT* (Scheme, js, Python)
- design & implementation of browser-based development platform for *MTT* (Python/Flask, js/ace.js/peg.js, bootstrap)
- inventing, prototyping, evaluating and documenting numerous NLP systems/modules (*MTT*, Python, Scala, Scheme)
- maintenance, extending and patching of existing/third-party NLP systems (Scala, Haskell, Python, PHP)
- converting various tools into RESTful APIs (Python+Flask, Docker, Redis)
- design & implementation of compiled, NLP-oriented graph manipulation language *Federico Orca* (Scheme, js, Python)
- design & implementation of browser-based platforms for text annotation and statistics (Python/Flask, js/jquery, bootstrap)
- conducting research on state-of-art NLP technologies
- co-authored paper *Pluwak et al. "Assessing Situation in the Face of Crisis"* (doi.org/10.21203/RS.3.RS-2064383/V1)

Poland, Spain (remote)

Dec. 2017 – PRESENT

we're agile

SENIOR PROGRAMMER

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

Spain

Sep. 2017 – Nov. 2017

jobfeed/Coosto

PYTHON PROGRAMMER

- maintenance and development of massive scraping infrastructure (Python, Bash, zombie.js, Selenium)
- development of web-based tools for scripters (PHS, js)

Spain/Netherlands

Sep. 2016 – Jul. 2017

fido:labs

SENIOR PROGRAMMER/MATHEMATICIAN/SUNDAY ADMIN

- design & implementation of LDQL, a query language for an English parser (Scheme)
- programming information extraction scripts (LDQL, Stanford's NLP tools, regexes)
- design & implementation of tiny pattern-matching language (Java)
- co-authored large cloud-based text processing system (PHP, AWS)
- building RESTful APIs (PHP, SQL, nginx, AWS)
- breaking and fixing many things (from Linux/AWS administration to CSS)
- conducting research on state-of-art NLP technologies
- co-authored patent **US9152623B2**

Poland, Spain (remote)

Jun. 2013 – Apr. 2016

Enovatis SA

JAVA/PHP SENIOR PROGRAMMER

- maintenance of big multi-source data retrieval system (Java)
- automating testing of web services (PHP/Selenium)
- implementing new features in company's CRM (PHP, SQL)

Poland
Jan. 2011 – May 2013

Freelance Jobs

PHP/JAVASCRIPT PROGRAMMER

- built webstores roen.pl and zemastyle.pl (PHP/prestashop)
- custom-made CRM systems Rafal Brzoskowski Catering and Solace z o.o. (PHP,js,apache)
- “bug-fixing emergency” for you-ebook.com (PHP)

Poland
Mar. 2010 – Nov 2011

Solphy Polska z o.o.

RUBY/C JUNIOR PROGRAMMER

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

Poland
Jul. 2008 – May 2009

Extracurricular Activity

Livestreamings

GUEST

- **filozofiaprogramowania.escola.pl**, a podcast on the history and philosophy of computer programming (in Polish)
- *Escola Codewars*, bi-weekly live codewars challenges streamed as part of Escola Devtalks (in Polish)

Jan. 2022 – May. 2022

Programming challenge sites

MEMBER

- **www.codewars.com** – 2Kyu, 4190 Honor
- **projecteuler.net** – level 2, 69/611

Dec. 2015 – PRESENT

Gamejams

PARTICIPANT

- Jan. 2022 **itch.io WASM-4 Game Jam**, game rated 4th of 44 (C,WASM-4)
- Apr. 2016 **ludumdare.com mini Ludum Dare 67** (js)
- Apr. 2016 **ludumdare.com Ludum Dare 35**, game rated 58th of >1k (js)
- Jan. 2014 *Hack 3city Game Jam* on-site, the team of three (Scheme)

Meetups

MEMBER

- *Python meetup*, Eindhoven (presented a toy programming language CONSPiracy)
- *Bay Area Lisp & Scheme Users Group*, Mountain View, CA (presented a hobby compiler)
- *Alicante Tech meetup group*, Alicante (conducted 2 workshops on programming in Scheme)

meetup.com
Jul. 2015 – PRESENT

Special Interest Groups

MEMBER

- *SIG of Mathematics* (Technical University of Gdansk) – 18 lectures and workshops, 5 undergrad conference talks
- *SIG of Logic* (University of Gdansk) – 2 workshops, 1 undergrad conference talk

Oct. 2008 – May 2015

Important Drone Records

FOUNDER

- Curating, mastering, selling and promoting held tone minimalism on cassettes and files

Dec. 2018 – PRESENT

Calineczka

ARTIST

- held tone minimalism, 18 live performances, 25 releases (cassettes, CD, SD, DAT, files)

Jan. 2014 – PRESENT