

# Jan Marcinkowski

## Education

- 2004 – 2007** Secondary School № 49 in Wrocław, (*math-bilingual class*).
- 2007 – 2010** High School № 14 in Wrocław, *one of the best three schools in Poland (math class)*.
- 2010** matura exams, in Polish (basic - 94%), English (basic - 100%; advanced - 86%), Spanish (basic - 77%) and Physics (advanced - 77%).
- 2010 – 2012** studies in Mathematics, Wrocław University, (uncompleted).
- Since 2010** studies in Computer Science, Wrocław University, (BSc and MSc).

## Achievements & Prizes

- 2010** the finals of Polish Olympiad in Mathematics.
- 2010** a bronze medal laureate of the Olympiad in Informatics (29<sup>TH</sup> place in the country).
- 2010 – 2012** a prize of the Ministry of Education, multiple scholarships from the city, the mayor and the University.

## Some Work

- 2010 – 2013** preparing two high-school students for the Olympiad in Informatics (both successful in getting to the finals).
- Sep – Oct 2011** organizing an internet campaign, as well as gathering volunteers, for the MP-candidate in the October parliamentary elections. The campaign ended with a tremendous result for our low-rated candidate and I consider myself a significant part of the success.
- Oct 2011 – Feb 2012** providing the additional blackboard exercises for first-year students having problems with logic.
- Since May 2012** giving private math lessons to secondary and high school students.
- Jul, Aug 2013** internship at Neurosoft, working on my own project related to statistics and Intelligent Transportation Systems (I was offered a job afterwards).
- Sep 2013 – Jun 2014** teaching algorithms in High School 14.
- Sep – Dec 2014** Guest Scientist at INET lab, Technische Universität Berlin.

## Projects

- 2009 – 2014** macfox3 (<https://addons.mozilla.org/en-us/firefox/addon/macfox3/>) a Firefox theme, no CS at all, lots of plowing through documentation. About 72000 downloads.
- Jul 2012,** <http://easyprove.ii.uni.wroc.pl/sciweb>, a site measuring an impact of Polish computer scientists and their institutes, basing on reception of their works at the world's best universities. It operates on data, I have snatched from various places (chiefly Microsoft Academic Search). There is some intellectual ground to this project.
- Mar 2013**
- Mar – Jun 2013** in a group developing and maintaining our institute's courses enrollment system (<https://zapisy.ii.uni.wroc.pl/>). Written in Python/Django.
- Jun 2013** <https://bitbucket.org/jasiekmarc/comprfind>, a Go library for finding patterns in LZW-compressed text (without unpacking). Based on a basic version of an algorithm by Amir, Benson and Farach (1993). Works a bit faster than unpacking-and-KMP.

## Skills

- LANGUAGES** experience translating from and into English (C1 level certified by the university). I also speak Spanish on do-shopping level and German on rent-a-flat level. I can ask for directions in Russian, and say, I love someone in Hebrew.
- PROGRAMMING** C++ since Secondary School. I know *Python, Haskell, Prolog, SQL* and Go quite well. Tasted *Scala, SML, Java*.
- DRIVING** have a licence since January 2010. Active driver and never had any contact with the police.

## Interests

- Algorithms (approximation algorithms, combinatorial optimization, online algorithms).
- hiking mountains, cross-country cycling.
- history (particularly interwar), social psychology.
- music (I play bass guitar in a non-professional poetry band).