

Michał WOŹNIAK

PERSONAL DATA

NATINALITY: Polish
DATE OF BIRTH: 5 April 1985
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MARITAL STATUS: Married
AFFILIATION: Faculty of Mathematics, Informatics and Mechanics
University of Warsaw, Poland



BUSINESS EXPERIENCE

MAY 2015-(CURRENT) **Software engineer** in RD Projekt
programming in Java, SPARQL, API Blueprint
2007 AND 2008 SUMMERS **Software engineer** in Comarch
programming in Java, C#, SQL

EDUCATION

JUNE 2015 | **PhD studies in Computer Science** (WITH DISTINCTION)
University of Warsaw, Poland
Thesis title: Computational aspects of the presence of drug resistance mechanisms
Advisors: prof. Jerzy Tiuryn and prof. Limsoon Wong
SEP 2010 | **Master's degree in Computer Science**
University of Warsaw, Poland
Advisor: prof. Jerzy Tiuryn
SEP 2009 | **Master's degree in Mathematics**
University of Warsaw, Poland
Advisor: prof. Włodzimierz Waluś
2004-2010 | **Double Degree Program in Computer Science and Mathematics**
University of Warsaw, Poland

SCIENTIFIC VISITS

SEP 2010 - SEP 2011 **Research Assistant** under supervision of prof. Limsoon Wong
AND SEP 2012 - SEP 2013 National University of Singapore

SKILLS AND INTERESTS

Programming: PYTHON, JAVA, C++, PHP, SQL, HTML, L^AT_EX
Languages: Polish (native), English (fluent)
Interests: computational biology
Other: analytical thinking, Polish Mensa member
Hobbies: orienteering, logical puzzles, chess

SCIENTIFIC PUBLICATIONS (H-INDEX=4)

- BMC GENOMICS 2014 GWAMAR: Genome-wide assessment of mutations associated with drug resistance in bacteria
Michał Woźniak, Jerzy Tiuryn, Limsoon Wong
- BMC BIOINFORMATICS 2014 eCAMBer: efficient support for large-scale comparative analysis of multiple bacterial strains
Michał Woźniak, Limsoon Wong, Jerzy Tiuryn
- BMC SYSTEMS BIOLOGY 2013 Stringent DDI-based prediction of *H. sapiens*-*M. tuberculosis* H37Rv protein-protein interactions
Hufeng Zhou, Javad Rezaie, Willy Hugo, Shangzhi Gao, Jingjing Jin, Mengyuan Fan, Chern-Han Yong, **Michał Woźniak**, Limsoon Wong
- BMC SYSTEMS BIOLOGY 2012 IntPath—an integrated pathway gene relationship database for model organisms and important pathogens.
Hufeng Zhou, Jingjing Jin, Haojun Zhang, Bo Yi, **Michał Woźniak**, Limsoon Wong
- BMC GENOMICS 2012 An approach to identifying drug resistance associated mutations in multiple bacterial strains
Michał Woźniak, Jerzy Tiuryn, Limsoon Wong
- BIOINFORMATICS 2011 CAMBerVis: visualization software to support comparative analysis of multiple bacterial strains
Michał Woźniak, Limsoon Wong, Jerzy Tiuryn
- BMC BIOINFORMATICS 2011 CAMBer: an approach to support comparative analysis of multiple bacterial strains
Michał Woźniak, Limsoon Wong, Jerzy Tiuryn
- BIOINFORMATICS 2011 MODEVO: exploring modularity and evolution of protein interaction networks
Michał Woźniak, Janusz Dutkowski, Jerzy Tiuryn