

# Michał Woźniak

## Curriculum Vitae

Szaserów 19/13  
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### Professional experience

- May 2015 - present **RD Projekt, Software engineer.**
- application of Semantic web standards, languages and technologies
  - performance reporting, analysis and optimization
  - programming mainly in Java
- 2009 - June 2015 **University of Warsaw, PhD studies in Computer Science.**
- work as research assistant under supervision of prof. Limsoon Wong at **National University of Singapore** (2011 and 2013)
  - application of computational and statistical methods in biology
  - integration of multiple software tools for DNA analysis
  - programming mainly in Python
- 2007 and 2008 summers **Comarch, Junior software engineer.**
- development of web-based applications
  - programming mainly in Java and C#

### Higher education

- June 2015 **University of Warsaw, PhD studies in Computer Science.**  
**Thesis Title:** Computational aspects of the presence of drug resistance mechanisms  
**Advisors:** prof. Jerzy Tiuryn and prof. Limsoon Wong
- Sep 2010 **University of Warsaw, Master's degree in Computer Science.**
- Sep 2009 **University of Warsaw, Master's degree in Mathematics.**
- 2004–2010 **University of Warsaw, Double Degree Program in Computer Science and Mathematics.**

### Miscellaneous

- Technologies Maven, Eclipse, Jenkins, Docker .
- Programming JAVA, PYTHON, HTML, L<sup>A</sup>T<sub>E</sub>X .
- Scientific work Several publications during PhD studies (H-index=4).
- Languages Polish (native), English (fluent) .
- Strengths analytical thinking (Polish Mensa member) .
- Hobbies orienteering, chess, geocaching .

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## Scientific publications

- 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