

# Curriculum vitae

## Personal Data

Forename: Roman  
Surname: Tesař  
Date of birth: 30 September 1979  
Place of birth: Děčín, Czech Republic (CZ)  
Nationality: Czech  
Address: Teplická 254, 405 05, Děčín 9, Czech Republic  
Mobile: +420 776 201 992  
E-mail: [roman.tesar@gmail.com](mailto:roman.tesar@gmail.com)

**Available for interview in New Zealand from May 2010.**

## Work Experience

9/2008 – present FuturePhone (a subsidiary of [www.gk-software.com](http://www.gk-software.com)), position: Java EE Developer  
Communication with customers based on emails/conference/phone calls, assessment of customer requirements, design decisions, work time estimations, responsibility for cross browser compatible solutions delivered on time  
In charge of the development and implementation of:  

- A Web application for secure text messaging with mobile devices (Java, Servlets, JMS, JAAS, Google Web Toolkit, HTML, CSS, iPayment)

Design and implementation of new features, bug fixing:  

- An online shopping portal application ([www.valuephone.com](http://www.valuephone.com)) (Java, JBoss Seam, JSF, Richfaces, Facelets, Ajax4JSF, JS, HTML, CSS)

10/2007 – 9/2008 CertiCon ([www.certicon.cz](http://www.certicon.cz)), position: Software Engineer  
Scrum-based development environment, teamwork, coding according to functional specification and other project documentation  
Involved in the following projects:  

- Personal Agenda – design and cross browser implementation (Java, JBoss AS, Seam framework, JDBC, Google Web Toolkit, HTML, CSS)
- Car Diagnostic Software – Java development and bug fixing (outsourcing, working for Teradyne company in Stuttgart, Germany)

## Education

2003 – 5/2008 PhD study at the University of West Bohemia (UWB) in Pilsen, CZ ([www.zcu.cz](http://www.zcu.cz))  
domain: data mining, web mining, text processing, analyzing and classification  

- member of Text Mining Research Group ([www.textmining.zcu.cz](http://www.textmining.zcu.cz))

Doctoral thesis named "The Use of N-Grams in Text Categorization" successfully defended on 21 May 2008.  
1998 – 2003 University of West Bohemia (UWB) in Pilsen, CZ  
Department of Computer Science and Engineering  
specialization: Software engineering  
Diploma thesis: "WYSIWYG editor for the UIM markup language"  

- Realized for the external firm Aegis, Prague, CZ ([www.aegis.cz](http://www.aegis.cz))
- Presented at the conference IBM COMMON CR 2003

Graduated with distinction  
1994 – 1998 Industrial High School in Varnsdorf ([www.vosvdf.cz](http://www.vosvdf.cz)), CZ  
specialization: Electronics computer systems (computer architectures, operating systems principles, programming in Assembler, Pascal, Delphi)  
Graduated with distinction

## Activities

9/2003 – 5/2005 Teaching Assistant, Department of Computer Science and Engineering, UWB  

- Designing and conducting seminars related to Java language programming, algorithms and their application, memory and time complexity reduction, object-oriented programming and other skills.

- 10/2003 – 10/2005 Member of the Academic Senate of the Faculty of Applied Sciences, UWB
- 9/2001 – 7/2003 Member of HELPS group in the Centre of Informatics and Computer Technologies (CIV) associated with the UWB
- Providing computer assistance for students and employees of the UWB
  - Responsibility for flawless function of public computer classrooms and rectorate of the UWB, problem solving

### Research Grants

- 7/2006 – 2/2008 Co-authored the project "Complex Knowledge Base Tools for Natural Language Communication with the Semantic Web", National Research Programme II
- 2005 - 2006 Co-authored the project "Knowledge Acquisition from Web Content and Topology"
- supported by the Czech Ministry of Education - funded 100,000 CZK

### Research Fellowships

- 10/2005 – 2/2006 University of Essex ([www.essex.ac.uk](http://www.essex.ac.uk)), Colchester, United Kingdom  
Computer Science Department - Natural Language Processing Group

### Other Skills and Qualifications

- Programming ability in Java, GWT (Google Web Toolkit), JSP, JSF, Facelets, Richfaces, Ajax4JSF, JavaScript (Prototype, Scriptaculous), HTML+CSS, PHP, SQL, ANSI C
- Experience with Tomcat, JBoss AS, JBoss Seam framework, Maven, Eclipse, CVS and SVN
- Experience with automatic text classification and processing, Web content mining and analysis, artificial intelligence, TCP/IP programming, Java applets and others
- Full, clean driver's licence (A, B)
- Languages: Fluent in English. Basic knowledge of German.

### Selected Publications and Conferences

- Z. Ceska, I. Hanak, R. Tesar: "Teraman: A Tool for N-gram Extraction from Large Datasets". In *Proceedings of IEEE 3rd International Conference on Intelligent Computer Communication and Processing (ICCP 2007)*, Cluj-Napoca, Romania, ISBN 978-1-4244-1491-8, pages 209-216, [http://ieeexplore.ieee.org/xpl/freeabs\\_all.jsp?arnumber=4352162](http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=4352162), 2007.
- Tesar R., Poesio M., Strnad V., Jezek K.: "Extending the Single Words-Based Document Model: A Comparison of Bigrams and 2-Itemsets". *The 2006 ACM Symposium on Document Engineering (DocEng'06)*, Amsterdam, Netherlands, ACM press, ISBN 1-59593-515-0, pages 138-146, <http://doi.acm.org/10.1145/1166160.1166197>, 2006.
- Tesar R., Fiala D., Rousselot F., Jezek K.: "A comparison of two algorithms for discovering repeated word sequences". *The 6th International Conference on Data Mining, Text Mining and their Business Applications (Data Mining 2005)*, Skiathos, Greece, ISBN 1-84564-017-9, pages 121-131, <http://library.witpress.com/pages/PaperInfo.asp?PaperID=14997>, 2005.
- Tesař R.: "Informational Bulletin CIV – Using Eclipse IDE for Java development". University of West Bohemia, ISBN 80-7043-357-4, pages 13-28, in Czech language, 2005.
- Tesař R.: "An UIM language editor integrated into IBM WebSphere Studio". *IBM COMMON ČR 2003* conference, Lísk, Czech Republic, ISBN 80-903368-0-9, in Czech language, 2003.