

# Ivan Pribela

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## Curriculum Vitæ

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### Postal address

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## Personal Data

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**Date of birth:** October 24, 1980  
**Place of birth:** Vršac, Serbia  
**Sex:** Male  
**Marital status:** Single  
**Citizenship:** Serbian

## Languages

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**Mother tongue:** Serbian  
**Active knowledge:** English (*fluent*)  
**Reading knowledge:** German, many Slavic languages

## Fields of interest

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General Java programming  
Distributed programming  
Operating systems  
E-learning  
System programming  
Compiler construction  
Programming languages  
Artificial intelligence  
Computer animation  
Digital Photography

## Education

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**M.S. Computer Science**, 2009 (*grade point average 10.00 / 10 max.*)  
*Faculty of Science, University of Novi Sad, Novi Sad, Serbia*  
**B.S. Computer Science**, 2003 (*grade point average 9.90 / 10 max.*)  
*Faculty of Science, University of Novi Sad, Novi Sad, Serbia*  
**Secondary education**, 1999 (*grade point average: 4.42 / 5 max*)  
*High school "Borislav Petrov – Braca", Vršac, Serbia*  
**Primary education**, 1995 (*grade point average: 4.57 / 5 max*)  
*Primary school "Olga Petrov Radišić", Vršac, Serbia*

## Professional experience

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**Teaching and research assistant**, 2004 – present  
*Faculty of Science, University of Novi Sad, Novi Sad, Serbia*

## Teaching experience - Undergraduate level

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### **Operating systems I, 2004 – present**

*Faculty of Science, University of Novi Sad, Novi Sad, Serbia*

*Exercises for students of computer science - fifth semester*

### **Operating systems II, 2005 – present**

*Faculty of Science, University of Novi Sad, Novi Sad, Serbia*

*Exercises for students of computer science - sixth semester*

### **Data structures and algorithms II, 2007 – present**

*Faculty of Science, University of Novi Sad, Novi Sad, Serbia*

*Exercises for students of computer science - third semester*

### **Visual programming, 2004 – 2009**

*Faculty of Science, University of Novi Sad, Novi Sad, Serbia*

*Exercises for students of computer science*

### **Data structures and algorithms II & III, 2003 – 2007**

*Faculty of Science, University of Novi Sad, Novi Sad, Serbia*

*Exercises for students of computer science - third and fourth semesters*

### **Operating systems, 2003 – 2004**

*Faculty of Science, University of Novi Sad, Novi Sad, Serbia*

*Exercises for students of computer science - fifth and sixth semester*

### **Compiler construction, 2003 – 2004**

*Faculty of Science, University of Novi Sad, Novi Sad, Serbia*

*Exercises for students of computer science - seventh and eighth semesters*

## Publications

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Author or co-author of 7 research papers in the field of e-learning

Enclosed in the list of publications

## Presentations

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Author and presenter of 15 presentations on 11 international conferences

Enclosed in the list of presentations

## Research contracts

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### Researcher

1. Software engineering: Computer science education and research cooperation, 2000 – present  
*Joint project of 8 countries and 13 universities: Institute of Informatics, Humboldt University, Berlin, Germany, Department of Mathematics and Informatics, Faculty of Science, University of Novi Sad, Novi Sad, Serbia, Institute of Informatics, University of Skopje, Skopje, Macedonia, Institute of Computer Science, University of Plovdiv, Plovdiv, Bulgaria...*  
*Supported by DAAD and Stability Pact for South Eastern Europe*
2. Abstract Models and Applications in Computer Science, 2006 – present  
*Department of Mathematics and Informatics, Faculty of Science, University of Novi Sad, Novi Sad, Serbia*  
*Supported by the Ministry of Science, Republic of Serbia, project number 144017*
3. Faculty information system, 2007 – present  
*Department of Mathematics and Informatics, Faculty of Science, University of Novi Sad, Novi Sad, Serbia*  
*Supported by Faculty of Science, University of Novi Sad*
4. Web based course-supporting and e-learning system for courses in informatics, e-Learning project, 2006 – 2007  
*Department of Mathematics and Informatics, Faculty of Science, University of Novi Sad, Novi Sad, Serbia, with support of Institute of Informatics, Humboldt University, Berlin, Germany (Klaus Bothe)*  
*Supported by WUS Austria under grant no. 05/2006*
5. Software agents in Web services and in the Semantic Web, 2005 – 2007  
*Joint project of Department of Mathematics and Informatics, Faculty of Science, University of Novi Sad, Novi Sad, Serbia, and Institute of Computer Science, University of Podlasie, Warsaw, Poland*  
*Supported by Serbian Academy of Science and Arts and Polish Academy of Science*

6. Using artificial intelligence in text and web mining, 2005 – 2006  
*Joint project of Department of Mathematics and Informatics, Faculty of Science, University of Novi Sad, Novi Sad, Serbia, and Institute “Jožef Štefan”, Ljubljana, Slovenia*  
*Supported by Ministry of Science, Republic of Serbia, and Ministry of Higher Education, Science and Technology, Republic of Slovenia*
7. Development of (intelligent) techniques based on software agents for application in information retrieval and workflow, 2003 – 2005  
*Department of Mathematics and Informatics, Faculty of Science, University of Novi Sad, Novi Sad, Serbia*  
*Supported by the Ministry of Science, Technologies and Research, Republic of Serbia, project number 1844*

## Events organized

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### Member of the organizing committee

Avances in Databases and Information Systems (ADBIS 2010)

*Novi Sad, Serbia, September 20 – 24, 2010*

Applied Linear Algebra – in honor of Hans Schneider

*Novi Sad, Serbia, April – May, 2010*

Applied Linear Algebra – in honor of Ivo Marek

*Novi Sad, Serbia, April 28 – 30, 2008*

Applied Linear Algebra – in honor of Richard Varga

*Palić, Serbia, October 13 – 15, 2005*

### Awards

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“Aleksandar Saša Popović” – University award for outstanding scientific work and best young researcher in the field of Computer Science (2005)

“Aleksandar Saša Popović” – University award for successful undergraduate studies and for exceptional graduation thesis in the field of Computer Science (2003)

University and faculty award for successful undergraduate studies (2003)

University and faculty award for excellent results in fourth year of studies (2003)

University and faculty award for excellent results in third year of studies (2002)

University and faculty award for excellent results in second year of studies (2001)

University and faculty award for excellent results in first year of studies (2000)

### Specializations and short-term research scholarships

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Winter University Course “Culture and Technology in Munich 2007”

*Technical University Munich, Munich, Germany, January 8 – 29, 2007*

Autumn School on Computational Intelligence and Information Technologies

*Faculty of Electronics, University of Niš, Niš, Serbia, October 6 – 8, 2005*

Autumn School on Computational Intelligence and Information Technologies  
*Faculty of Electronics, University of Niš, Niš, Serbia, October 14 – 16, 2004*

Summer School on Computational Intelligence and Information Technologies  
*Faculty of Electronics, University of Niš, Niš, Serbia, October 7 – 9, 2002*

## Miscellaneous

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Programming languages used for teaching/research

*Java, Modula-2, Pascal, Scheme, Delphi, SQL, DML, GPSS...*

Practical experience with compiler tools

*Java Development Kit, Eclipse, Delphi, Borland Pascal, TopSpeed Modula-2, TopSpeed Environment*

Practical experience with compiler generators

*Coco/R, Lex, Yacc*

Practical experience with databases

*MySQL 3x, MySQL 4x, Derby, JavaDB, Oracle 9i, MaxDB*

Practical experience with web technologies

*HTML, XML, XHTML, CSS, PHP, Apache Web Server, JavaScript*

Practical experience with multi-tier architectures

*Enterprise JavaBeans 3, JBoss Application Server 4.x, JBoss Application Server 5*

Practical experience with Microsoft Office products

*Word, Excel, Power Point, Front page, Visual Basic for Applications*

Practical experience with graphic tools

*Corel Paint Shop Pro, Adobe Photoshop, Corel Draw, Macromedia Fireworks*

Practical experience with other software packages

*Mathematica, Macromedia Dreamweaver, Altova XMLSpy, Altova Umodel*

Practical experience with operating systems and hardware architectures

*Personal Computer & MS-DOS, Windows 3.x, Windows 9x/Me, Windows NT/2000, Windows XP, Windows Vista, various Linux distributions, FreeBSD, Solaris 10*

## List of Publications

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### Research papers published in international journals

1. Svetovid – Interactive development and submission system with prevention of academic collusion in computer programming

**Ivan Pribela, Mirjana Ivanović, Zoran Budimac**

*British Journal of Educational Technology (2009),*

*Volume 4, Issue 6, pages 1076 – 1093*

### Research papers published in national journals

1. Multifunctional environment for e-learning purposes

**Mirjana Ivanović, Ivan Pribela, Boban Vesin, Zoran Budimac**

*Novi Sad Journal of Mathematics (2008)*

*Volume 38, Issue 2, pages 153 – 170.*

### Research papers published in proceedings of international conferences

1. MILE – Multifunctional integrated learning environment

**Boban Vesin, Mirjana Ivanović, Zoran Budimac, Ivan Pribela**

*Proceedings of e-LEARNING 2008, Volume II*

*Amsterdam, The Netherlands, July 22 – 25, 2008, pages 104 – 108.*

2. Testing almost any aspect of student's assignments

**Ivan Pribela, Mirjana Ivanović, Zoran Budimac**

*Proceedings of 3<sup>rd</sup> Balkan Conference in Informatics, BCI'2007*

*Sofia, Bulgaria, September 27 – 29, 2007, pages 173 – 182.*

3. Web-based course-supporting and e-learning system for courses in informatics

**Zoran Budimac, Mirjana Ivanović, Zoran Putnik, Živana Komlenov, Ivan Pribela**

*Proceedings of WUS Austria eLearning Conference: eLearning - Toward Effective Education and Training in the Information Society*

*Bijela, Montenegro, May 30 – June 1, 2007, pages 63 – 68*

4. Svetovid – Special submission environment for student's assessment

**Ivan Pribela, Nataša Ibrajter, Mirjana Ivanovic**

*Proceedings of 2<sup>nd</sup> Balkan Conference in Informatics, BCI'2006*

*Ohrid, Macedonia, November 17 – 19, 2005, pages 228 – 237*

## Research papers published in proceedings of national conferences

5. E-Learning At The Department Of Mathematics And Informatics – From The First Steps To Elements Of Web 2.0

*Zoran Budimac, Mirjana Ivanović, Zoran Putnik, Živana Komlenov, Ivan Pribela, Aleksandra Klašnja-Milićević, Boban Vesin*

*Proceedings of E-Learning, Way Towards Society of Knowledge  
Belgrade, Serbia, October 7, 2010, pages 94 – 98*

## Theses

1. System for support of student programming solution assessment

**Ivan Pribela**

*Magister thesis, Department of Mathematics and Informatics,  
Faculty of Science, University of Novi Sad  
Novi Sad, Serbia, November 23, 2009, 114 pages*

2. Realization of Pascal- compiler in Java programming language

**Ivan Pribela**

*Diploma thesis, Department of Mathematics and Informatics,  
Faculty of Science, University of Novi Sad  
Novi Sad, Serbia, September 17, 2003, 111 pages*

## List of Presentations

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1. This year's experience in System integration master course

**Ivan Pribela**

*10<sup>th</sup> Workshop on Software Engineering Education and Reverse Engineering  
Ivanjica, Serbia, September 6 – 11, 2010*

2. Compiler wrapping for “Svetovid”

**Ivan Pribela, Zoran Budimac**

*9<sup>th</sup> Workshop on Software Engineering Education and Reverse Engineering  
Neum, Bosnia and Herzegovina, August 31 – September 5, 2009*

3. Test generation for “Testovid”

**Ivan Pribela, Mirjana Ivanović**

*9<sup>th</sup> Workshop on Software Engineering Education and Reverse Engineering  
Neum, Bosnia and Herzegovina, August 31 – September 5, 2009*

4. Evolution of the “Svetovid” system

**Ivan Pribela, Mirjana Ivanović**

*8<sup>th</sup> Workshop on Software Engineering Education and Reverse Engineering  
Durres, Albania, September 8 – 13, 2008*

5. Testovid - an environment for testing almost any aspect of student assignments

**Saša Tošić, Ivan Pribela**

*7<sup>th</sup> Workshop on Software Engineering Education and Reverse Engineering  
Risan, Montenegro, September 9 – 14, 2007*

6. DAAD seminar in Munich  
*Živana Komlenov, Ivan Pribela*  
*7<sup>th</sup> Workshop on Software Engineering Education and Reverse Engineering*  
*Risan, Montenegro, September 9 – 14, 2007*
7. Web-based course-supporting and e-learning system for courses in informatics  
*Zoran Budimac, Mirjana Ivanović, Zoran Putnik, Živana Komlenov, Ivan Pribela*  
*eLearning - Toward Effective Education and Training in the Information Society*  
*Bijela, Montenegro, May 30 – June 1, 2007*
8. Svetovid - a submission system with prevention of cheating  
*Ivan Pribela*  
*6<sup>th</sup> Workshop on Software Engineering Education and Reverse Engineering*  
*Ravda, Bulgaria, September 18 – 23, 2006*
9. New slides for “Software project management” and “Maintenance” topics  
*Ivan Pribela*  
*6<sup>th</sup> Workshop on Software Engineering Education and Reverse Engineering*  
*Ravda, Bulgaria, September 18 – 23, 2006*
10. Design Patterns  
*Ivan Pribela*  
*5<sup>th</sup> Workshop on Software Engineering Education and Reverse Engineering*  
*Baile Herculane, Romania, August 27 – September 4, 2005*
11. A new implementation of “Seminar organization”  
*Ivan Pribela*  
*5<sup>th</sup> Workshop on Software Engineering Education and Reverse Engineering*  
*Baile Herculane, Romania, August 27 – September 4, 2005*
12. Extreme Programming  
*Ivan Pribela, Zoran Putnik*  
*4<sup>th</sup> Workshop “Software Engineering Education and Reverse Engineering”*  
*Zagreb, Croatia, September 6 – 11, 2004*
13. Presentation of the Tiger software  
*Ivan Pribela*  
*4<sup>th</sup> Workshop on Software Engineering Education and Reverse Engineering*  
*Zagreb, Croatia, September 6 – 11, 2004*
14. Implementation of a case study (Seminar organization)  
*Mihajlo Kresojević, Ivan Pribela, Nataša Ibrajter*  
*3<sup>rd</sup> Workshop on Software Engineering Education and Reverse Engineering*  
*Ohrid, Macedonia, August 25 – 30, 2003*
15. Implementation of a case study (Seminar organization)  
*Mihajlo Kresojević, Ivan Pribela*  
*2<sup>nd</sup> Workshop on Software Engineering Education and Reverse Engineering*  
*Plovdiv, Bulgaria, September 16 – 21, 2002*