

Ivan Pribela

Curriculum Vitæ

(June 1, 2017)

Postal address

Department of Mathematics and Informatics
Faculty of Science
University of Novi Sad
Trg Dositeja Obradovića 4
21000 Novi Sad
Serbia

Phone and fax

Office: (+381-21) 458-888
 (+381-21) 485-2877
 (+381-21) 485-2852
Fax: (+381-21) 6350-458

Internet

E-mail: ivan.pribela@dmi.uns.ac.rs
 pribela@dmi.rs
Web site: <http://perun.pmf.uns.ac.rs/pribela/>

Personal Data

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

Languages

Serbian: mother tongue
English: fluent
German, Many Slavic languages: reading knowledge

Fields of interest

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

Education

MSc Computer Science, 2009 (*grade point average 10.00 / 10 max*)

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

BSc 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

Teaching and research assistant, 2004 – present

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

Teaching experience

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

Object Oriented Programming II, 2016 – present

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

Exercises for students of computer science – fourth and sixth semester

System Integration, 2009 – present

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

Lectures and exercises for master students of computer science – eighth semester

Visual programming, 2004 – 2009

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

Exercises for students of computer science

Web Design, 2007 – 2008

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

Author or co-author of 13 research papers in the field of e-learning, software engineering and computer science.

Enclosed in the list of publications.

Research contracts

Researcher

1. Multidimensional quality control for e-business applications, 2016 – 2017
Supported by ministries of science of Serbia and Slovenia
2. 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
3. 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
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

Software projects

1. Student Assignment Submission System, 2005 – present
Faculty of Science, University of Novi Sad, Serbia
Manager and team leader, lead developer
Java, OSGi, Web services, J2EE, Spring, JPA, Swing, JavaFX
2. Automated Code Assessment System, 2006 – present
Faculty of Science, University of Novi Sad, Serbia
Manager and team leader, lead developer
Java, Apache Ant
3. Standard Library for Introductory Programming in Java, 2013 – present
Open source project
Manager, team leader, lead developer
Java
4. Human Resources Information System, 2007 – 2010
Faculty of Science, University of Novi Sad, Serbia
Team leader, developer
Java, J2EE, EJB, JPA, Swing
5. Information System for Senior Care Users, 2007 – 2008
Gerontology Center, Vršac, Serbia
Team leader, developer
Java, J2EE, JSP, Swing

Events organized

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

“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

E-SOLVE Summer Camp

University of Pannonia, Balatonalmádi, Hungary, August 25 – 28, 2014

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

Programming languages used for teaching, research and development

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

Practical experience with compiler tools

Java Development Kit, Eclipse, NetBeans, IntelliJ IDEA, 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, JavaScript, Apache Web Server, Apache Tomcat

Practical experience with multi-tier architectures

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

Practical experience with office products

Microsoft Word, Excel, Power Point, Front page, Visual Basic for Applications, Google Docs, Sheets, Forms, Slides, Drawings, Apps Script

Practical experience with graphic tools

Adobe Photoshop, Adobe Illustrator, Corel Paint Shop Pro, 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, Windows 7, Ubuntu and various other Linux distributions, Solaris 10, FreeBSD

List of Publications

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

Volume 40, Issue 6, Pages 1076 – 1093, November 2009

Print ISSN: 0007-1013, Online ISSN: 1467-8535

DOI: 10.1111/j.1467-8535.2008.00894.x

<http://onlinelibrary.wiley.com/doi/10.1111/j.1467-8535.2008.00894.x/abstract>

Research papers published in national journals

2. Multifunctional environment for e-learning purposes

Mirjana Ivanović, Ivan Pribela, Boban Vesin, Zoran Budimac

Novi Sad Journal of Mathematics

Volume 38, Issue 2, Pages 153 –170, 2008

Print ISSN: 1450-5444, Online ISSN: 2406-2014

http://www.dmi.uns.ac.rs/nsjom/Papers/38_2/NSJOM_38_2_153_170.pdf

Research papers published in proceedings of international conferences

3. Bringing Together Manual and Automated Code Assessment

Ivan Pribela, Doni Pracner, Zoran Budimac

AIP Conference Proceedings

Volume 1648, Issue 310007, Pages 1 – 4, 10 March 2015

Print ISSN: 0094-243X, Online ISSN: 1551-7616, ISBN: 978-0-7354-1287-3

12th International Conference of Numerical Analysis and Applied Mathematics (ICNAAM 2014), 4th Symposium on Computer Languages, Implementations and Tools (SCLIT 2014)

Rhodes, Greece, September 22 – 28, 2014

DOI: 10.1063/1.4912560

<http://scitation.aip.org/content/aip/proceeding/aipcp/10.1063/1.4912560>

4. Tool for Testing Bad Student Programs
Ivan Pribela, Doni Pracner, Zoran Budimac
CEUR Workshop Proceedings
Volume 1266, Pages 67 – 74, 14 October 2014
ISSN: 1613-0073, URN:NBN:DE:0074-1266-8
3rd Workshop on Software Quality Analysis, Monitoring, Improvement and Applications (SQAMIA 2014)
Lovran, Croatia, September 19 – 22, 2014
http://ceur-ws.org/Vol-1266/SQAMIA2014_Paper9.pdf
5. First Experiences In Using Software Metrics In Automated Assessment
Ivan Pribela, Gordana Rakić, Zoran Budimac
Proceedings of the 15th International Multiconference Information Society
Volume A, Pages 250–253, October 2012
ISSN: 1581-9973, ISBN: 978-961-264-046-0
15th International Multiconference Information Society (IS 2012), Collaboration, Software and Services In Information Society (CSS)
Ljubljana, Slovenia, October 8 – 12, 2012
http://is.ijs.si/is/is2012/zborniki/Zbornik_A.pdf
6. System for Testing Different Kinds of Students' Programming Assignments
Ivan Pribela, Mirjana Ivanović, Zoran Budimac
Proceedings of the 5th International Conference on Information Technology
Paper number 535, 7 pages, 2011
ISBN: 9957-8583-0-0
5th International Conference on Information Technology
Aman, Jordan, May 11 – 13, 2011
http://icit.zuj.edu.jo/icit11/PaperList/Papers/E-Education/535_Ivan.pdf
7. Experiences and privacy issues - usage of Moodle in Serbia and Slovenia
Mirjana Ivanović, Tatjana Welzer, Zoran Putnik, Marko Hölbl, Živana Komlenov, Ivan Pribela, Tina Schweighofer
Proceedings of the 12th International Conference on Interactive Computer Aided Learning
Pages 416–423, 2009
ISBN: 978-3-89958-481-3
12th International Conference on Interactive Computer Aided Learning (ICL2009)
Villach, Austria, September 23 – 25, 2009
http://www.icl-conference.org/dl/proceedings/2009/program/pdf/Contribution_048.pdf
8. MILE – Multifunctional integrated learning environment
Boban Vesin, Mirjana Ivanović, Zoran Budimac, Ivan Pribela
Proceedings of the IADIS International Conference on e-Learning
Pages 104–108, 2008
ISBN: 978-972-8924-58-4
IADIS International Conference on e-Learning (IADIS 2008)
Amsterdam, The Netherlands, July 22 –25, 2008
<http://www.iadisportal.org/e-learning-2008-proceedings>
9. Testing almost any aspect of student's assignments
Ivan Pribela, Mirjana Ivanović, Zoran Budimac
Proceedings of 3rd Balkan Conference in Informatics, BCI'2007
Sofia, Bulgaria, September 27–29, 2007, pages 173–182

10. 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
11. Svetovid – Special submission environment for student’s assessment
Ivan Pribela, Nataša Ibrajter, Mirjana Ivanovic
Proceedings of 2nd Balkan Conference in Informatics, BCI’2006
Ohrid, Macedonia, November 17–19, 2006, pages 228–237

Research papers published in proceedings of national conferences

12. 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
13. Modernized studies of informatics on Faculty of Science in Novi Sad
*Zoran Budimac, Mirjana Ivanović, Nataša Ibrajter, **Ivan Pribela***
Proceedings of “Visoko obrazovanje u Srbiji na putu ka Evropi – četiri godine kasnije”
Belgrade, Serbia, October 7, 2005, pages 207 – 213

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