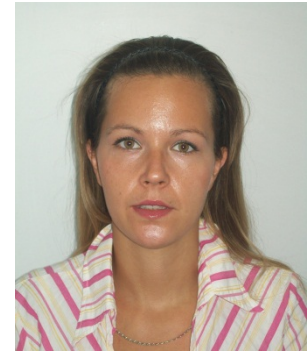


Curriculum Vitae



Personal information

Ankica Barišić

PhD student @ FCT/UNL and research associate @ FEUP

Address

Travessa Chão da Feira 7 4E
1100-144 Lisboa (Portugal)

Mobile

+351 91 4537694

E-mail

barisic.ankica@gmail.com

URL

citi.di.fct.unl.pt/member/member.php?id=155

Date of birth

11 September 1983

Nationality

Croatian

Marital status

Single

Education

Dates

10/2011 → 2015 (expected)

Title of qualification awarded
Principal subjects / occupational skills covered

PhD, Doctor of Computer Science

- Advanced Software Development
- Human-Computer Interaction
- Knowledge representation, Reasoning and Agents
- Technical and scientific communication
- Experimental Software Engineering
- Domain-Specific Languages

Dissertation thesis

Usability evaluation of Domain-Specific Languages

Name of institution providing education and training

Science and Technical Collage / New University of Lisbon (FCT/UNL)
(Department of Informatics) (DI)

Institution address

Quinta da Torre, 2829 -516 Caparica (Portugal)

Institution URL

www.fct.unl.pt, www.di.fct.unl.pt

Dates

09/2002 - 05/2010

Title of qualification awarded
Principal subjects / occupational skills covered

MSc, Master of Mathematics in course of Computer Science

- Introduction to optimization theory
- Software engineering
- Databases
- Object-oriented programming (Java)
- Mathematical analysis
- Linear algebra

Dissertation thesis

Optimizing portfolio minimizing Value at Risk

Name of institution providing education and training

University of Zagreb / Faculty of science (PMF)
(Department of Mathematics)

Institution address

Bijenička 31, 10000 Zagreb (Croatia)

Institution URL

www.pmf.unizg.hr, www.math.pmf.unizg.hr

Work experience

Dates	09/2013 - (current)
Occupation or position held	Research associate @MOVERCADO - movercado.wordpress.com
Main activities and responsibilities	<ul style="list-style-type: none">- The overall quality management, including planning, practices, tools, assurance, traceability matrices, user-level procedures- The proposal and application of usability engineering practices and others to help improve end-user experience with the system, namely the specification, development and integration of a more usable textual and visual language for flow definition- Support of initiatives such as bug tracking, functional improvements and identification of maintenance problems- Tracking and reporting of relevant end-user performance metrics and monitoring agreed service-level agreements Experience working with: Zendesk, Pivotal Tracker, MetaEdit, AtomPM, Ruby on Rails, GitHub
Name and address of employer	Faculty of Engineering, University of Porto (www.fe.up.pt) Rua Dr. Roberto Frias, 4200-465 Porto (Portugal)
Dates	04/2013 - 07/2013 (3 months)
Occupation or position held	Quality assurance specialist
Main activities and responsibilities	<ul style="list-style-type: none">- The proposal of quality assurance processes and its place in the application development process that is changing to agile- Preparation of test plans- Definition of requirements for client environment- Regression and acceptance testing
Name and address of employer	Inova Software (www.inova-software.com) Rua Latino Coelho 87, 1050-134 Lisboa (Portugal)
Dates	11/2010 → 03/2013 (2 years 4 months)
Occupation or position held	Research assistant (Software systems)
Main activities and responsibilities	<p>Main goal of this research is to study conceptual framework that supports software language engineering development process concerning the usability evaluation issue of domain-specific languages. Research provides us with conclusions about why it is necessary and beneficial to perform this evaluation as well as set of patterns and methods that explain how to fulfill it.</p> <p>It was necessary to get familiar with:</p> <ul style="list-style-type: none">- Software quality models (ISO9126, ISO14598, ISO25000, CMMI)- UX assessment methods (customer satisfaction, usability testing)- Methodologies and tools for evaluation of User Interfaces and general programming languages- Model driven engineering, Requirement engineering, Usability engineering, Experimental Software engineering- Tool support for model-driven development approach (EMF, Eugenia, GMF, Alpina, OCL, Kaos, i*, UML, MagicDraw, BPMN)
Name and address of employer	Centro de Investigação em Informática e Tecnologias da Informação - CITI, FCT/UNL DI (citi.di.fct.unl.pt) Quinta da Torre, 2829-516 Caparica (Portugal)

Dates	04/2007 - 10/2010 (3 years 6 months)
Occupation or position held	Software system designer
Main activities and responsibilities	Design and implementation of information system that provides service for funds and banks. Experience with Microsoft .NET platform (C#, ADO.NET, MS Solver Foundation and TFS), ActiveX technology (VB6, ActiveReport, ADO, #Grid, VB script and MS SourceSafe) and databases (SQLServer 2008)
Name and address of employer	Stinga Software d.o.o. (www.stinga.hr) Radnička 47, 10000 Zagreb (Croatia)
Dates	06/2004 - 09/2006 (2 years 3 months)
Occupation or position held	Project manager for online store
Main activities and responsibilities	- Online system specification, customer support, event organization - Budget management, work management and accounting
Name and address of employer	Epicentar dj store (www.epicentar.org) Transactor d.o.o., Vlahe Bukovca bb, 21460 Stari Grad (Croatia)
Dates	09/2002 – 09/2004 (2 years)
Occupation or position held	Customer support in call center
Name and address of employer	T-com (www.t-com.hr), Savska cesta 32, 10000 Zagreb
Languages	
Croatian	Native or bilingual proficiency (+ Serbian, Bosnian, Slovenian)
English	Full professional proficiency (TOEFL 2012, score: 100/120)
German	Elementary proficiency (A1)
Portuguese	Elementary proficiency (A2)
Communication	
Training and events	
December 2013	Seminar, University of Maribor, Maribor, Slovenia
November 2013	Scrum Master training, Porto, Portugal
October 2013	Seminar, University of Alabama, Tuscaloosa, Alabama
October 2013	Poster session, MODELS 2013, Miami, Florida
October 2013	Doctoral Symposium participant, MODELS2013, Miami, Florida
July 2013	Speaker, 10 th QUASAR workshop, FCT/UNL DI, Lisbon, Portugal
June 2013	Speaker, Agile Portugal conference, Lisbon, Portugal
June 2013	Lecturer at DSL summer school, FON, Belgrade, Serbia
March 2013	Poster session, FCT Science Spring Day, FCT/UNL, Lisbon, Portugal
October 2012	Workshop participant, PLOP 2012, Tucson, Arizona
October 2012	Speaker, DSM workshop, SPLASH 2012, Tucson, Arizona
October 2012	Doctoral Symposium apprentice, SPLASH 2012, Tucson, Arizona
September 2012	DSL training, DSM – TP 2012 summer school, Lisbon, Portugal
September 2012	Doctoral Symposium participant, SEDES 2012, Lisbon, Portugal
September 2012	A Practical Introduction to CMMI for Services, SEI, Lisbon, Portugal
June 2012	Poster session, CITI workshop, FCT/UNL DI, Lisbon, Portugal
June 2012	Speaker, 9 th QUASAR/VALSE workshop, FCT/UNL DI, Lisbon, Portugal
October 2011	Speaker, PLATEAU workshop, SPLASH 2011, Portland, Oregon
September 2011	DSL training, DSM – TP 2011 summer school, Lisbon, Portugal
September 2011	Speaker, 3 rd INFORUM conference, Coimbra, Portugal
June 2011	Speaker, 8 th QUASAR/VALSE workshop, FCT/UNL DI, Lisbon, Portugal

<i>Organization</i>	
<i>September 2013</i>	Co-organizer, 4 th DSM – TP 2013 summer school, Santiago, Spain
<i>June 2013</i>	Organizer, DSL summer school, FON, Belgrade, Serbia
<i>September 2012</i>	Co-organizer, 3 rd DSM – TP 2012 summer school, Lisbon, Portugal
<i>September 2011</i>	Co-organizer, 2 nd DSM – TP 2011 summer school, Lisbon, Portugal
<i>May 2010</i>	Organizer, 5 th PMSP fair of jobs at PMF, Zagreb, Croatia
<i>June 2009</i>	Co-organizer, 4 th PMSP fair of jobs at PMF, Zagreb, Croatia
<i>December 2002</i>	Co-organizer, Christmas fair in V. Grammar school, Zagreb, Croatia

Honors and Awards

<i>October 2013</i>	ACM SRC competitor at MODELS 2013 , Miami, Florida, USA
<i>October 2013</i>	Student volunteer at MODELS 2013 , Miami, Florida, USA
<i>October 2012</i>	ACM-W Professional Activities Prize 2012 Awarded to support professional activities for participation in reputable IEEE International Conference SPLASH 2012, Tucson, Arizona, USA
<i>October 2012</i>	Student volunteer at SPLASH 2012 , Tucson, Arizona, USA
<i>October 2011</i>	ACM SIGPLAN Professional Activities Committee Prize Awarded to support professional activities for participation in reputable IEEE International Conference SPLASH 2011, Portland, Oregon, USA

Computer skills

<i>OS</i>	Windows8/7/98/XP/Vista, Unix/Linux, Mac OS
<i>Programming languages</i>	Ruby, Java, C, C++, C#, Visual Basic, Borland Delphi, Turbo Pascal
<i>Internet/Web</i>	HTML, CSS, Adobe Dreamweaver
<i>Graphics</i>	Adobe Photoshop, Corel Draw
<i>Office tools</i>	MS Office, Mathematica, Latex, MatLab, Visio
<i>Modeling tools</i>	MagicDraw, UML, GMF, Eugenia, OCL, EMF, ObjectiveR, Microsoft Solver Foundation, Alpina, BPMN, Meta Edit, Atom PM, Formula, Magic Draw
<i>Databases</i>	SQL, PL SQL, MS SQL Server
<i>Working environment</i>	Eclipse, Visual Studio TFS

Other skills

<i>Art</i>	1991 – 2001 actively playing in orchestra
<i>Sport</i>	Capoeira Horseback riding Scuba diving Wake-board
<i>General characteristic</i>	Submission of stress Quick adaptation and learning Creative Responsible Coordination skills Independent Ability of analytical thinking and problem solving

Publications

- [1] Ankica Barišić: *"Evaluating the Quality in Use of Domain-Specific Languages in an Agile Way"*
InProceedings of the Doctoral Symposium at the 16th International Conference on Model Driven Engineering Languages and Systems (MoDELS), Miami, Florida, USA, CEUR, October, 2013
URL: ceur-ws.org/Vol-1071/barisic.pdf
- [2] Ankica Barišić: *"Iterative evaluation of Domain-Specific Languages"*
InProceedings of the ACM Student Research Competition at the 16th International Conference on Model Driven Engineering Languages and Systems (MoDELS), Miami, Florida, ACM, October, 2013
- [3] Ankica Barišić, Pedro Monteiro, Vasco Amaral, Miguel Goulão, Miguel Monteiro:
"Patterns for Evaluating Usability of Domain-Specific Languages"
InProceedings of the 19th Conference on pattern languages of programs (PLoP), SPLASH 2012 Tucson, Arizona, USA, October 2012
URL: [ctp.di.fct.unl.pt/~mpm/pubs/Barisic\(PLoP-2012\).pdf](http://ctp.di.fct.unl.pt/~mpm/pubs/Barisic(PLoP-2012).pdf)
- [4] Bruno Barroca, Eduardo Marques, Valter Balegas, Vasco Amaral and Ankica Barišić:
"The RPG DSL: a case study of language engineering using MDD for Generating RPG Games for Mobile Phones"
InProceedings of the 12th Workshop on Domain-Specific Modeling at SPLASH 2012, Tucson, Arizona, ACM, October 2012
URL: dl.acm.org/citation.cfm?id=2420923
- [5] Ankica Barišić, Vasco Amaral and Miguel Goulão:
"Usability Evaluation of Domain-Specific Languages"
InProceedings of the SEDES Doctoral Symposium at the 8th International Conference on the Quality of Information and Communications Technology (QUATIC), Lisbon, Portugal, IEEE, September 2012,
URL: ctp.di.fct.unl.pt/QUASAR/Resources/Papers/2012/Barisic2012SEDES.pdf, ieeexplore.ieee.org
- [6] Ankica Barišić, Vasco Amaral, Miguel Goulão and Bruno Barroca:
"Evaluating the Usability of Domain-Specific Language"
InBook: Formal and Practical Aspects of Domain-Specific Languages: Recent Developments, edited by Marjan Mernik, IGI Global, September 2012, pages: 386-407
URL: www.igi-global.com/book/formal-practical-aspects-domain-specific/66388
- [7] Ankica Barišić, Vasco Amaral, Miguel Goulão and Bruno Barroca:
"Quality in Use of Domain-Specific Language: a Case Study"
InProceedings of the Workshop on Evaluation and Usability of Programming Languages and Tools (PLATEAU 2011) at SPLASH 2011, Portland, Oregon, USA, ACM, October 2011
URL: ecs.victoria.ac.nz/twiki/pub/Events/PLATEAU/Program/plateau2011-barisic.pdf, doi.acm.org
- [8] Ankica Barišić, Vasco Amaral, Miguel Goulão and Bruno Barroca:
"Quality in Use of DSLs: Current Evaluation Methods"
InProceedings of the INFORUM'2011, Coimbra, Portugal, September, 2011
URL: ctp.di.fct.unl.pt/QUASAR/Resources/Papers/2011/Barisic2011INFORUM.pdf
- [9] Ankica Barišić, Vasco Amaral, Miguel Goulão and Bruno Barroca:
"How to reach a usable DSL? Moving toward a Systematic Evaluation"
InProceedings of the 5th International Workshop on Multi-Paradigm Modeling (MPM'2011) at Models 2011, Wellington, New Zealand, EASST Journal, October, 2011
URL: journal.ub.tu-berlin.de/eceasst/article/view/741
- [10] Ankica Barišić, Marko Vrdoljak: *"Optimizing portfolio minimizing Value at Risk"*
MSc dissertation, University of Zagreb, Faculty of science, Department of Mathematics, Zagreb, Croatia, May, 2010, <http://pmf-smk.zaki.com.hr/>
URL: www.dropbox.com/s/i4w52iqsbmk4rbg/OptimizingPortfolioMinimizingVaR.pdf