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Bruno Lima

―――――― Work Experience

September 2016 – Present	**Assistant Lecturer**, *Faculty of Engineering of the University of Porto*, Porto, Portugal. Computer Architecture and Organization
August 2015 – Present	**Researcher Assistant**, *Institute for Systems and Computer Engineering of Porto*, Porto, Portugal. Research in NANOSTIMA project
February 2016 – August 2016	**Assistant Lecturer**, *Faculty of Engineering of the University of Porto*, Porto, Portugal. Microprocessors and Personal Computers
September 2015 – February 2016	**Assistant Lecturer**, *Faculty of Engineering of the University of Porto*, Porto, Portugal. Computer Architecture and Organization
March 2015 – July 2015	**Researcher Assistant**, *Faculty of Engineering of the University of Porto and Institute for Systems and Computer Engineering of Porto*, Porto, Portugal. Research in SIBILA project
March 2014 – February 2015	**Researcher Assistant**, *Faculty of Engineering of the University of Porto and Institute for Systems and Computer Engineering of Porto*, Porto, Portugal. Research in AAL4ALL project - Definition of a testing and certification methodology for the AAL4ALL products and services.
September 2013 – February 2015	**Researcher Assistant**, *Institute for Systems and Computer Engineering of Porto*, Porto, Portugal. Research in AAL4ALL project - Definition of a testing and certification methodology for the AAL4ALL products and services.
July 2012 – September 2012	**Software Developer**, *NDrive*, Porto, Portugal. NDrive Internship as Software Development - Improved the NLife extension (is co-author) and worked in a new social website they will launch soon.
June 2007 – July 2007	**Computer Technician**, *Área Soft, Lda*, Trofa, Portugal. Tasks of repairing computer equipment (hardware and software) and taught courses microsoft office. This internship was part of professional course in EPVC.

Education

January 2015 – Present
Doctoral Program in Informatics Engineering, *Faculty of Engineering of the University of Porto*, Porto, Portugal.

September 2008 – February 2014
Integrated Masters in Informatics and Computing Engineering, *Faculty of Engineering of the University of Porto*, Porto, Portugal.
Grade average of 15 out of 20

September 2004 – July 2007
Professional Course Technical the Informatics/Management, *Escola Profissional De Vila Do Conde (EPVC)*, Vila do Conde, Portugal.
Grade average of 19 out of 20.

Publications

2016 - Submitted
Bruno Lima and João Pascoal Faria, *A Survey on Testing Distributed and Heterogeneous Systems: The State of the Practice*, , Software Technologies, CCIS.

2016 - Submitted
Bruno Lima and João Pascoal Faria, *A Model-Based Approach for Integration Test Case Generation in Digital Ecosystems*, Software and System Modeling (SoSyM).

2016 - To appear
Bruno Lima and João Pascoal Faria, *Towards the Online Testing of Distributed and Heterogeneous Systems with Extended Petri Nets*, 10th International Conference on the Quality of Information and Communications Technology (QUATIC 2016).

2016 - Published
Tiago Coelho, Bruno Lima and João Pascoal Faria, *MT4A: A no-programming test automation framework for Android applications*, 7th International Workshop on Automating Test Case Design, Selection, and Evaluation (A-TEST 2016).

2016 - Published
Bruno Lima and João Pascoal Faria, *Testing Distributed and Heterogeneous Systems: State of the Practice*, 11th International Conference on Software Engineering and Applications (ICSOFT 2016).

2016 - Published
Bruno Lima and João Pascoal Faria, *A Model-Based Approach for Product Testing and Certification in Digital Ecosystems*, IEEE 9th International Conference on Software Testing, Verification and Validation Workshops (ICSTW 2016).

2016 - Published
Bruno Lima, *Automated Scenario-based Testing of Distributed and Heterogeneous Systems*, IEEE International Conference on Software Testing, Verification and Validation (ICST 2016).

2016 - Published
Bruno Lima and João Pascoal Faria, *Automated Testing of Distributed and Heterogeneous Systems Based on UML Sequence Diagrams*, Software Technologies, CCIS 586, pp. 1–17.

2015 - Published
Bruno Lima and João Pascoal Faria, *An Approach for Automated Scenario-based Testing of Distributed and Heterogeneous Systems*, 10th International Conference on Software Engineering and Applications (ICSOFT 2015).

2014 - Published
João Pascoal Faria, Bruno Lima, Tiago Boldt Sousa and Angelo Martins, *A Testing and Certification Methodology for an Open Ambient-Assisted Living Ecosystem*, International Journal on E-health and Medical Communications (IJEHMC).

2013 - Published	João Pascoal Faria, Bruno Lima, Tiago Boldt Sousa and Angelo Martins, *A testing and certification methodology for an Ambient-Assisted Living ecosystem*, IEEE International Conference on e-Health Networking, Application & Services (IEEE Healthcom 2013).

Academic Honors

Nokia Gamelopers in 2012, one of the participant winner, for submit a windows phone app (Oporto Metro).

"Prémio Escolar Municipal", in 2008, awarded by mayor of Vila do Conde to the student with the best grade average in 2006/2007 from each of the schools in the municipality.

Events

Conference	TESTING Portugal 2016
Conference	ACM SIGSOFT International Symposium on the Foundations of Software Engineering (FSE 2016)
Conference	4th User Conference on Advanced Automated Testing (UCAAT 2016)
Conference	10th International Conference on the Quality of Information and Communications Technology 2016 (QUATIC 2016)
Conference	11th International Joint conference on Software Technologies (ICSOFT 2016)
Summer school	12th International Summer School on Training And Research On Testing (TAROT 2016)
Conference	IEEE 9th International Conference on Software Testing, Verification and Validation 2016 (ICST 2016)
Conference	TESTING Portugal 2015
Conference	3rt User Conference on Advanced Automated Testing (UCAAT 2015)
Conference	10th International Joint conference on Software Technologies (ICSOFT 2015)
Summer school	10th International Summer School on Training And Research On Testing (TAROT 2014)
Conference	IEEE International Conference on e-Health Networking, Application & Services (IEEE Healthcom 2013)

Co-supervisor

September 2015 - July 2016	Tiago Coelho (MSc) – Automation of mobile application testing without programming

Languages

Portuguese	Proficient User - C2 (Native Language)

English	Proficient User - C1
Spanish	Independent User - B1
Italian	Basic User - A1

Computer skills

Programming Languages	Pascal, Visual Basic, C#, C, C++, Java, Prolog, Python, Scheme, JavaScript
Markup Languages	XML, XHTML, LaTeX, CSS
Database Management Systems	MySQL, PostgreSQL
Revision Control Systems	CVS, Subversion, Git
Frameworks and Technologies	Android, Windows Phone, OpenGL, Java Swing

Driving licence(s)

A1

A2

A

B1

B

Additional Information

Internship "OTL Pense Industria"

Workshop hardware,linux and networks

Course of first aid and ambulance crew

Defensive driving course

Volunteer in the paddock of the Boavista Circuit 2011

Volunteer in the media center of the Boavista Circuit 2013

Interests

Watch sports	Football and Formula 1
Playing sports	MTB, Running and Geocaching
Travel	Around the world