

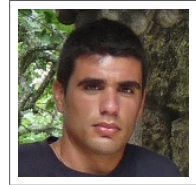
# Bruno Lima

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## 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.

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## 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.

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## Publications

- 2017 - Accepted Bruno Lima and João Pascoal Faria, *Towards Decentralized Conformance Checking in Model-Based Testing of Distributed Systems*, IEEE 10th International Conference on Software Testing, Verification and Validation Workshops (ICSTW 2017).
- 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).

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## 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.

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## 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)
- Doctoral Symposium 11th Doctoral Symposium in Informatics Engineering (DSIE'16)
- Conference TESTING Portugal 2015
- Conference 3rd 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)
- Student Conference Talk a Bit 2013

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## Co-supervisor

- September 2016 - Present João Soares (MSc) – Conversion of Models to Distributed Systems Testing
- September 2016 - Present José Cardoso (MSc) – Automatic evaluation of programs in e-learning platforms
- September 2015 - July 2016 Tiago Coelho (MSc) – Automation of mobile application testing without programming

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## Languages

- Portuguese Proficient User - C2 (Native Language)
- English Proficient User - C1
- Spanish Independent User - B1
- Italian Basic User - A1

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## 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

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## Driving licence(s)

- A1
- A2
- A
- B1
- B

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## 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

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## Interests

Watch sports Football and Formula 1

Playing sports MTB, Running and Geocaching

Travel Around the world