

# Bruno Lima

Póvoa de Varzim

Porto, Portugal

☎ (+351) 912328948

✉ [bruno.lima@fe.up.pt](mailto:bruno.lima@fe.up.pt)

🌐 [www.brunolima.info](http://www.brunolima.info)



---

## 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.

---

## Languages

Portuguese	Proficient User - C2 (Native Language)
English	Independent User - B1
Spanish	Basic User - A2
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

---

## 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