



Alcemir R. Santos

Software Engineer

Address

Teresina
Piauí, Brazil

Tel & Skype

+55 71 99213 9611
alcemir_santos

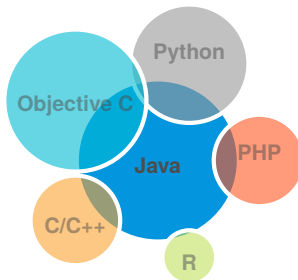
Mail

alcemir.santos@
gmail.com

Web & Git

alcemirsantos.com
alcemirsantos@bitbucket
alcemirsantos@github

Programming



Personal Skills



Education

- 2014 - 2017? **Ph.D in Computer Science** [Federal University of Bahia](#)
4 years scholarship grant from FAPESB.
- 2011 - 2013 **Master's Degree in Computer Science** [Federal University of Minas Gerais](#)
2 years scholarship grant from CNPq.
- 2006 - 2010 **Bachelor's Degree in Computer Science** [Federal University of Piauí](#)
2nd Best grade among the classmates.
- 2003 - 2005 **High School Diploma** [CEBRAPÍ](#)
3rd Best grade among the classmates.

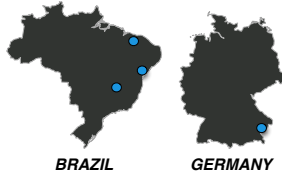
Experience

- 2015 - 2016 **Ph.D. Visiting Student** [Universität Passau](#)
I lived one year in Passau. During this time I had to work together with other *Ph.D.* students from the local University research group under supervision of Prof. Sven Apel. Among my responsibilities were to build a tool for collecting software repositories metadata about conflict merges and built developer networks from them. Most of the time I programmed with Java, but also learned some Python and R.
- 2013 - 2014 **Software Engineering Research Assistant** [Reuse in Software Engineering Laboratory \(RiSE Labs\)](#)
During one year I had to work together with the *Master* and *Ph.D.* students from the research group. Among my responsibilities were to help the students with the design and execution of software engineering experiments in different Software Engineering topics, as well as software development and testing with Java and Objective-C.
- 01/2010-02/2011 **Web Developer** [Freelance](#)
Just prior to finish my CS Degree I have worked as Full-Stack Freelance Web-developer in small projects for local events and our local Judo team with PHP.
- 2008 - 2009 **Research Internship** [Federal University of Piauí](#)
During one year I have programmed neural networks addressing interger optimization problems mainly using SciLab.

OS Preference

GNU/Linux ★★★★★
MacOS ★★★★★
Windows ★★★★★

Places Lived



Languages

Portuguese ★★★★★
English ★★★★★
German ★★★★★
Spanish ★★★★★

Publications in Journals

★ OLIVEIRA, R. P. ; SANTOS, A. R. ; GOMES, G.; ALMEIDA, E. S..
Evaluating Lehman's Laws of Software Evolution within Software Product Lines Industrial Projects.

Journal of Systems and Software . 2016. (In Press)

SANTOS, A. R. ; ALMEIDA, E. S..
Do #ifdef-based Variation Points Realize Feature Model Constraints?
Software Engineering Notes , v. 40, p. 1-5, 2015.

Publications in Conferences

★ SANTOS, A. R. ; MACHADO, I. C. ; ALMEIDA, E. S..
RiPLE-HC: JavaScript Systems Meets SPL Composition.
Proceedings of the 20th Software Product Lines Conference (SPLC). Beijing, 2016. p. 154-163.

SANTOS, A. R.; MACHADO, I. C. ; ALMEIDA, E. S..
RiPLE-HC: Visual Support for Features Scattering and Interactions.
Proceedings of the 20th Software Product Lines Conference. Beijing, 2016. p. 320-323.

SOUZA, M. L. J. ; SANTOS, A. R. ; MACHADO, I. C. ; GOMES, G. ; ALMEIDA, E. S..
Evaluating Variability Modeling Techniques for Dynamic Software Product Lines: A Controlled Experiment.
Proceedings of the 10th Brazilian Symposium on Components, Architecture, and Reuse (SBCARS). Londrina, 2016. p. 1-10.

SANTOS, J. A. M. ; SANTOS, A. R.; MENDONÇA, M..
Investigating bias in the search phase of Software Engineering secondary studies.
12th Workshop on Experimental Software Engineering.
Proceedings of 18th Ibero-American Conference on Software Engineering (CiBSE), 2015.

★ SANTOS, A. R. ; DE OLIVEIRA, R. P.; DE ALMEIDA, E. S..
Strategies for consistency checking on software product lines.
Proceedings of the 19th International Conference on Evaluation and Assessment in Software Engineering (EASE). Nanjing, 2015. p. 1-14.

SOUZA, M. L. J. ; SANTOS, A. R. ; ALMEIDA, E. S..
Towards the Selection of Modeling Techniques for Dynamic Software Product Lines.
Proceedings of the 5th International Workshop on Product Line Approaches in Software Engineering (PLEASE). Florence, 2015. p. 19-22.

SANTOS, A. R. ; FARIAS, M. A. F. ; ALMEIDA, E. S. ; MENDONCA, M. ; SANTANNA, C. N..
How developers deal with Code Smells: the case of the SourceMiner Evolution team.
Workshop on Software Visualization, Evolution and Maintenance (VEM). *Proceedings of the 5th Brazilian Conference on Software: Theory and Practice (CBSOFT)*. Maceió, 2014. p. 1-6.

VALE, T; CABRAL, B.; ALVIM, L; SOARES, L. ; **SANTOS, A. R.** ; MACHADO, I.; SOUZA, I.; FREITAS, I.; ALMEIDA, E..

SPLICE: A Lightweight Software Product Line Development Process for Small and Medium Size Projects.

Proceedings of the 8th Brazilian Symposium on Software Components, Architectures, and Reuse (SBCARS). Maceió, 2014. p. 42-52.

★ **SANTOS, A. R.** ; GAIA, F. N. ; FIGUEIREDO, E. ; SANTOS NETO, P. ; ARAUJO, J..

Test-based SPL extraction: an exploratory study.

Proceedings of the ACM Symposium on Applied Computing (SAC). Coimbra, 2013. p. 1031-1036.

SANTOS, I. S. ; **SANTOS, A. R.** ; SANTOS NETO, P..

Reusing Functional Testing in order to Decrease Performance and Stress Testing Costs.

Proceedings of the 23rd International Conference on Software Engineering and Knowledge Engineering (SEKE). Miami, 2011. p. 1-5.

ALVES, P. ; **SANTOS, A. R.** ; FIGUEIREDO, E. ; FERRARI, F..

How do Programmers Learn AOP? An Exploratory Study of Recurring Mistakes.

*5th Latin-American Workshop on Aspect-Oriented Software Development (LA-WASP).
Proceedings of the 2nd Brazilian Conference on Software: Theory and Practice (CBSOft).
São Paulo, 2011.*

Honors & Awards

2014 **Best Paper** [8th International Workshop on Variability Modelling of Software-intensive Systems \(VaMoS\).](#)

2013 **Travel Award** [SIGAPP Student Travel Award Program of the Association of Computing Machinery \(ACM\).](#)

Certifications

2014 **English Proficiency Level B2** [TOEFL ITP](#)

2016 **German Proficiency Level B2** [Volkshochschule Passau](#)

Other Info

For the Italian job market:

Si autorizza il trattamento delle informazioni contenute nel curriculum in conformità alle disposizioni previste dal d.lgs. 196/2003. Si dichiara altresì di essere consapevole che, in caso di dichiarazioni non veritiere, si è passibili di sanzioni penali ai sensi del DPR 445/00 oltre

alla revoca dei benefici eventualmente percepiti.

May 8th, 2016

John Snow