

Curriculum Vitæ

André Fernandes dos Santos

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1 Personal Information

Name: André Fernandes dos Santos

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2 Education

2010-present MSc in Bioinformatics, University of Minho
120 ECTS

2009-2011 MSc in Natural Language Processing, University of Minho
120 ECTS – final grade 17/20

Master thesis: “Building a Corpora-Flow System”
Development of a system to support automatic handling of corpora (cleaning, validation, format conversion), document alignment and estimate the alignability of several types of documents, as well as make them available on the internet.

2006-2009 BSc in Software Engineering, University of Minho
180 ECTS, final grade 15/20

3 Training

Jul 2005 German Open Course, U. Junior, Faculty of Arts, University of Porto

Set 2005 Physics Summer School, Faculty of Science, University of Porto

Jun 2010 Catalyst 5.80 (*Portuguese Perl Workshop 2010*, Porto)

Jul 2010 Evolutionary Computing School, (UMinho, Guimarães)

Out 2010 Seminar “Republic and Youth”, National Youth Council

Nov 2010 - Mar 2011 IdeaLab – Business Ideas Lab, TecMinho

Jun 2011 - Jul 2011 Summer School on Conceptual Design and Development of Innovative Products 2011, Struer, Denmark (5 ECTS)

4 Professional Experience

Jul-Set 2009 Project Bigorna, Traineeship Sapo Summerbits 2009

<http://natura.di.uminho.pt/wiki/doku.php?id=ferramentas:bigorna>
Open source project which aims to develop tools to help in general orthography migration challenges, motivated by the 1990 Portuguese Language Orthographic Agreement.

Feb 2011 - present Systems Administrator at GroupBuddies

<http://www.groupbuddies.com>

Startup company which develops web-based solutions for groups and organizations. Typical tasks include:

- deployment and management of several Unix-based servers
- managing Ruby on Rails applications on a production environment
- managing Git repositories
- development of helper scripts to automate and facilitate server management

Apr 2011 - present Scholarship from project *Per-Fide: Portuguese in parallel with six languages: Español, Russian, Français, Italiano, Deutsch, English*.

Project devoted to build a large parallel corpora.

5 Technical Skills

- Basic experience with PASCAL, C#, PHP, JavaScript, UML, XML, Html, SQL, Haskell;
- Experience with C and Java;
- Proficiency with Perl, including Moose, Catalyst, Dancer, DBIx::Class and other Modern::Perl concepts;
- Unix sys admin experience;
- Others: L^AT_EX, bash, Subversion, Git, Apache and associated technologies.

6 Other Activities

6.1 CeSIUM (UMinho's Software Engineering Student Center)

2008-2011 Member of CeSIUM

2009/2010 Vice-President of CeSIUM

2010/2011 Director of CAOS (Open Source Support Center)

6.2 Programming Challenges

Out 2007 Inter-University Programming Marathon (IST, UTL, Lisbon)

Out 2008 Inter-University Programming Marathon (UC, Coimbra)

Nov 2008 ACM South Western European Regional Contests (Nuremberg, Germany)

Out 2009 Inter-University Programming Marathon (ESTGA, Aveiro)

6.3 Sports

1998-2000 Artistic gymnastics

2007-2008 Basketball

1999-2011 Judo, 4th Kyu

Mar 2010 National Judo University Championship, Aveiro

Mar 2011 National Judo University Championship, Lisbon

7 Publications

- [1] J.J. Almeida, A. Santos, and A. Simoes. Bigorna—a toolkit for orthography migration challenges. In *Seventh International Conference on Language Resources and Evaluation (LREC2010)*, Valletta, Malta, 2010.
- [2] A. Rocha, A. Santos, D. Rocha, H. Silva, J. Mendes, J. Freitas, M. Coelho, M. Regedor, D. da Cruz, and P.R. Henriques. AGile, a structured editor, analyzer, metric evaluator, and transformer for Attribute Grammars. In *INForum 2010*, Braga, Portugal, 2010.

- [3] A. Santos. A survey on parallel corpora alignment. In *MI-Star 2011, Braga, Portugal*, 2011.
- [4] A. Santos and J.J. Almeida. Text::Perfide::Bookcleaner, a Perl module to clean and normalize plain text books. In *Congreso Anual de la Sociedad Española para el Procesamiento del Lenguaje Natural (SEPLN2011), Huelva, Spain*, 2011.