Curriculum Vitæ

André Fernandes dos Santos

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1 Personal Information

Name: André Fernandes dos Santos

Birthdate: 24 February 1988

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

3 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 large parallel corpora.

4   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)

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: LATEX, 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.