

andrés santos

fullstack developer

about

contacts

andrefs.com
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languages

native portuguese
fluent english
basic spanish,
french and german

favorite tools

♥ Node.js, React, Perl,
Git, MongoDB

summary

Fullstack developer with backend preference, working mainly in Node.js and JavaScript, Perl and MongoDB. Prefers React over Angular. Interested in machine learning, functional programming, natural language processing and bioinformatics.

technical skills

Languages **Node.js, JavaScript and Perl**
Also Haskell, \LaTeX

Databases **MongoDB**
Also MySQL, PostgreSQL, ElasticSearch

Frameworks and libraries **Express, Dancer**
Also React, Mocha, Chai, Sinon

Other tools **Git, Bash**

experience

2016 Jul to present	Contentful GmbH Headless API-first CMS. Typical tasks included: <ul style="list-style-type: none">test-driven development and support of Node.js APIs,research and discussion of technical aspects of software systems,test-driven development of Node.js microservices, http://contentful.com	JavaScript Backend Developer
2013–2015	SAPO, Portugal Telecom (consultant from CoderHat) Largest Portuguese web portal. Typical tasks included: <ul style="list-style-type: none">development and support of Node.js APIs,management of MongoDB databases,development of Node.js and Perl frontend websites and backoffices http://sapo.pt , http://24.sapo.pt , http://jornais.sapo.pt	Web developer
2011–2013	Subvisual (former GroupBuddies) Typical tasks included: <ul style="list-style-type: none">deployment and management of several Unix-based servers, with Apache and MySQL services, and Ruby on Rails applicationsdevelopment of helper scripts to automate server management tasks https://subvisual.co	Sys admin
2012 Nov to 2013 Feb	CEB, University of Minho Collective Computation and Control in Complex Biochemical Systems	Researcher
2011 Apr to 2012 Sep	CEHUM, University of Minho Project Per-Fide: Portuguese in parallel with six languages: Español, Russian, Français, Italiano, Deutsch, English http://per-fide.di.uminho.pt/	Researcher
2009 Jul-Sep	Sapo Summerbits'09 Open source software development Development of tools to help in orthography migration, motivated by the 1990 Portuguese Language Orthographic Agreement. http://natura.di.uminho.pt/wiki/doku.php?id=ferramentas:bigorna	Research grant

education

- 2011–2012 **MSc in Bioinformatics** University of Minho, Portugal
Mining biological parameters from literature: an application to environmental decision support systems
Development of a modular and extensible framework for building text mining applications for scientific literature, focused on numerical parameters and including a web interface.
120 ECTS, final grade 17/20
- 2009–2011 **MSc in Natural Language Processing** University of Minho, Portugal
Contributions for building a Corpora-Flow System
Development of a system to support automatic handling of corpora (cleaning, validation, format conversion), document alignment and calculation alignability metrics of several types of documents.
120 ECTS, final grade 17/20
- 2006–2009 **BSc in Software Engineering** University of Minho, Portugal
Typical CompSci course
180 ECTS, final grade 15/20