




andré santos

fullstack developer

about

contacts

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languages

native portuguese
fluent english
basic spanish,
french and german

favorite tools

♥ Node.js, 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, 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 applications• development 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

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| 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 | |