

Pedro Sousa Carmona

PERSONAL DATA

DATE OF BIRTH: 19 February 1990
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NATIONALITY: Portuguese

PROGRAMMING SKILLS

Intermediate: RUBY
Junior: PYTHON, JAVA
Web: HTML, SINATRA, RUBY ON RAILS, JAVASCRIPT
Platforms: OSX, LINUX, ubuntu, DOCKER, KUBERNETES
Databases: SQL, MYSQL, POSTGRESQL, BIGQUERY
Cloud: GOOGLE CLOUD, DIGITAL OCEAN

WORK EXPERIENCE

Oct 2015 - Current	<p>Software Engineer at BIDMATH, Amsterdam</p> <p>Development of: web applications, in Sinatra and Rails; An internal Data Lake framework for data management; Data Acquisition Layers with API Clients and Web Crawlers; Analysis reports using Pandas.</p> <p>Languages and Resources: Ruby, Sinatra, Rails, Google Cloud, MySQL Database, Google BigQuery, Google Datalab, PYTHON, PANDAS, Google Dataflow, TABLEAU.</p>
OCT 2014 - Sept 2015	<p>Programmer Analyst I at FIS Global, Amsterdam</p> <p>Development of frontend and middleware applications for banking industry.</p> <p>Languages and Resources: Java, Spring, Oracle Database, FIS Profile banking system, Vaadin, Javascript, Websphere, Maven.</p>
2013	<p>Web Developer at Whitesmith, Coimbra</p> <p>Outsourcing - development of Ruby on Rails websites.</p> <p>Languages and Resources: Ruby on Rails, Devise, CanCan, Paperclip, Sidekiq, Cucumber, RSpec, Redis, Mongoddb, social media APIs, Bootstraap.</p>

EDUCATION

SEPT 2014	<p>Master of Science in COMPUTER ENGINEERING, University of Coimbra</p> <p><i>EQF level 7</i></p> <p>Thesis: "HappyHour Emotion - Sistema de caracterização de pontos de interesse"</p> <p>Paper: "Happy Hour - Improving mood with an emotionally aware application"</p> <p>Development of a people centric-sensing application for Android smartphones, that tracks the user mood, in order to improve the user's emotional state. The application also classifies POIs based on the affluence, agitation and emotional state, to help users pick a destination to visit.</p>
SEPT 2013	<p>Undergraduate Degree in COMPUTER ENGINEERING, University of Coimbra</p> <p><i>EQF level 6</i></p> <p>Programming Languages: C, Java, Python, MATLAB</p> <p>Databases: Oracle, PLSQL</p>

LANGUAGES

PORTUGUESE: Mothertongue
ENGLISH: Fluent
DUTCH: Beginner

INTERESTS AND ACTIVITIES

Open-Source, Meetups and programming conferences
Football
Travelling