

# 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

Dec 2017 - Current	<b>FullStack Engineer at <a href="#">GOBOONY</a>, Utrecht</b> Development of: a Ruby On Rails Web application that allows peer-to-peer motorhome sharing; Built a GraphQL API, and also few private gems for API clients; Build analytical reports with Python and SQL. Languages and Resources: Ruby, Rails, PostgreSQL Database, Python, Pandas, Airflow
Oct 2015 - Nov 2017	<b>Software Engineer at <a href="#">BIDMATH</a>, Amsterdam</b> Development of: web applications, in Sinatra and Rails; An internal Data Lake framework for data management; Data acquisition and analysis reports. Languages and Resources: Ruby, Sinatra, Rails, Google Cloud, MySQL Database, Google BigQuery, Google Datalab, PYTHON, PANDAS, Google Dataflow, TABLEAU.
OCT 2014 - Sept 2015	<b>Programmer Analyst I at <a href="#">FIS Global</a>, Amsterdam</b> Development of frontend and middleware applications for banking industry. Languages and Resources: Java, Spring, Oracle Database, FIS Profile banking system, Vaadin, Javascript, Websphere, Maven.
2013	<b>Web Developer at <a href="#">Whitesmith</a>, Coimbra</b> Outsourcing - development of Ruby on Rails websites. Languages and Resources: Ruby on Rails, Devise, CanCan, Paperclip, Sidekiq, Cucumber, RSpec, Redis, Mongodb, social media APIs, Bootstraap.

## EDUCATION

SEPT 2014	<b>Master of Science in COMPUTER ENGINEERING, <a href="#">University of Coimbra</a></b> <i>EQF level 7</i> Thesis: "HappyHour Emotion - Sistema de caracterização de pontos de interesse" Paper: "Happy Hour - Improving mood with an emotionally aware application" 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.
SEPT 2013	<b>Undergraduate Degree in COMPUTER ENGINEERING, <a href="#">University of Coimbra</a></b> <i>EQF level 6</i> Programming Languages: C, Java, Python, MATLAB Databases: Oracle, PLSQL

## PERSONAL PROJECTS

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JAN 2019 - TODAY	<b>Letz Go Tours</b> A travel agency for millennials, with personalized trip content and schedule. Avaliable in <a href="https://www.letzgotours.com">https://www.letzgotours.com</a>
2019	<b>Sabbatical</b> I plan to backpack for an extended period. I consider important to take this break now because it will change my life perspective.
TODAY	<b>Open Source</b> Throughtout my career, I made contributions to <a href="#">doorkeeper-grants_assertion</a> that allows to reuse the omniauth gems to perform oauth2 via external parties; I also contributed in <a href="#">blazer</a> , a data exploration tool. Published an activerecord <a href="#">adapter</a> for BigQuery. Created examples of <a href="#">data processsing</a> in python and jupyter. And also some <a href="#">ansible galaxy</a> packages.

## LANGUAGES

PORTUGUESE:	Mothertongue
ENGLISH:	Fluent
DUTCH:	Beginner

## INTERESTS AND ACTIVITIES

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Open-Source, Meetups and programming conferences  
Football  
Travelling