# Pedro Sousa Carmona

## Personal Data

| | |
|---|---|
| Date of Birth: | 19 February 1990 |
| Address: | Leiden, Netherlands |
| Phone: | +31 638 223 874 |
| email: | pcarmona1990@gmail.com |
| GitHub: | github.com/pedrocarmona |
| Skype: | pedrocarmona1990 |
| Linkedin: | pedrosousacarmona |
| Nationality: | Portuguese |

## Programming Skills

| | |
|---|---|
| Advanced: | Ruby |
| Intermediate: | Python, Java |
| Web: | html, Sinatra, Ruby On Rails, JavaScript |
| Platforms: | OSX, Linux, ubuntu, Docker, K8s |
| Databases: | SQL, MySQL, PostgreSQL, BigQuery |
| Data: | Jupyter, Airflow, Pandas, Dataflow |
| Cloud: | Google Cloud, Digital Ocean |

## Work Experience

**Dec 2017 - Current**

### FullStack Engineer at Goboony, Utrecht

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**

### Software Engineer at Bidmath, Amsterdam

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**

### Programmer Analist I at FIS Global, Amsterdam

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**

### Web Developer at Whitesmith, Coimbra

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**

### Master of Science in Computer Engineering, **University of Coimbra**
*EQF level 7*

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**

### Undergraduate Degree in Computer Engineering, **University of Coimbra**
*EQF level 6*

Programming Languages: C, Java, Python, MATLAB

Databases: Oracle, PLSQL

## Personal Projects

### Open Source

Throughout my career, I made contributions to doorkeeper-grants_assertion that allows to reuse the omniauth gems to perform oauth2 via external parties; I also contributed in blazer, a data exploration tool. Published an activerecord adapter for BigQuery. Created examples of data processing in Python and Jupyter. And also published few Ansible Galaxy packages.

**Jan 2019 - Today**

### Letz Go Tours

A travel agency for millennials, with personalized trip content and schedule. Avaliable in https://www.letzgotours.com

**Plan for 2019**

### Sabbatical

I plan to backpack for an extended period. I consider important to take this break now because it will change my life perspective.

## Languages

| | |
|---|---|
| Portuguese: | Mothertongue |
| English: | Fluent |
| Dutch: | Beginner |

## Interests and Activities

Open-Source, Meetups and programming conferences
Football
Travelling