

# Rafael Mafra

Junior Python Developer

English B1 level / Portuguese Native



- Hemel Hempstead – UK - HP2



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## Personal Statement

I am Rafael Mafra, Student of Python which I am passionate about and programming enthusiastic. At Pitagoras College (2012/2016), the automation engineering program gave me the chance to learn Algorithms & Data Structures, Programming Logic and C++ where I found my passion for programming, since then I have been studying Python and Django by reading many books, watching online classes and working on some projects. This year, I moved to England to start working on my career in new place, looking for new offers, challenges and an opportunity to start develop professionally.

## Education

- Google IT Automation Professional Certificate – (Google - 300hrs)

### Python

- Scientific Computing with Python – (Freecodecamp - 300hrs)
- Crash course on Python - (Google – 50hrs)
- Automating Real-World Tasks with Python – (Google - 50hrs)
- Using Python to interact with OS – (Google – 50hrs)
- Troubleshooting and Debugging techniques (Google - 50 hrs)
- Python 3 Advanced - ( Alura – 100hrs )
- Python 3 (CEV-Curso Em Video – 120hrs)
- Python POO – (CEV – Curso em video – 40hrs)
- Python 3 POO Advanced (Alura – 36 hrs)
- TDD Python – (Alura – 6 hrs)
- PEP8 Python – (Alura – 8hrs)
- Skill Test HackerRank Python (HackerRank)

### DJANGO/REST

- WebApp Technologies and Django – (University of Michigan - 50hrs)
- Django3 Advanced – (Alura – 110hrs)
- Django REST Api's – (Alura – 40hrs)
- API with Django3: Rest Framework (Alura - 12hrs)
- API with Django3: CORS, versioning (Alura - 20hrs)
- API with Django3: Filters, searches, validations (Alura - 20hrs)
- TDD Django3 – (Alura - 20hrs)

### PHP/HTML/CSS/JavaScript

- Front-end Training – (Alura - 100hrs)
- PHP BASIC ( CEV-Curso em video – 40hrs)
- HTML/CSS/JavaScript Basic (CEV-Curso em video - 40hrs)
- Algorithms (CEV-Curso em video – 40hrs)

## GIT

- Introduction to Git and GitHub – (Google – 20hrs)
- Git and GitHub – (Alura – 60 hrs)

## SQL SERVER

- SQL Server Introduction at Microsoft SQL Server 2017 (Alura – 12hrs)
- SQL Server Advanced at Microsoft SQL Server 2017 (Alura – 12 hrs)

## AMAZON AWS

- Amazon S3: Storage and manipulation of elements in the cloud (Alura – 12hrs)

## GoogleCloud

- Configuration Management and the Cloud

- 12-2012 / 06-2016 Automation Engineering - Pitagoras College - Brazil
- 06-2010 / 01-2012 Technical Industrial Automation - SENAI - Brazil

## Work Experience:

- Python Developer - Free-Lancer (self-employed) (01-2020 / 08-2021)

As financial robots developer for IQ Option which is stock market company related. I implemented a system that automates as well as tracks specific strategies accordingly to my customer's needs. Also, another project that I worked with was WebScrap robots which I made to help people with the Instagram accounts, this is a multi task tool then there are a infinity applications.

Additionally I taught some students from university with private python and programming logic lessons, and helped this group developing some of their projects.

\* Applied Tech's: Python, Sqlite, API's, JavaScript

- Administrative Assistant -Shell / Betim-MG, Brazil (05-2011 / 08- 2019)

-Administrative routines (Excell, SAP), financial stock, lorry drivers control, inventory control,

- Accomplishments:

-When I worked at Shell one of my greatest accomplishments was when I created an application that reduce the verification time at the entrance of company by implementing drivers course validity control and gaining efficiency in the operation with badges generated by this application. Also, I presented some ideas for replacing short-term face-to-face courses for online courses, to better manage the time of those involved in conducting the course, which estimated a reduction of 40 hours of work in the month. I was promoted once in the company.

- Inventory Supervisor- CLS Computer / MG, Brazil (01-2007 / 04-2011)

-Administrative routines

-Excel, SAP, maintenance hardware, server maintenance

- Accomplishments:

-Implementation of virtual orders, reducing paper costs by 80%

Personal Skills:

- Learning Agility, proactivity, good communication, flexibility, adaptability, problem solving.

Tech Stack:

Strong:

Python, Django, SQL, Git

Adept:

R, C++, HTML, CSS, AWS cloud, BootStrap, SQLserver, PHP,  
React, PowerBi, XML, GitHub, JavaScript, Java, GoogleCloud

Portfolio:

Personal Page → <https://rafaelmafra2.pythonanywhere.com>

GitHub → <http://GitHub.com/rafaelmaframg>

WebApp → <https://rafaelmafra22.pythonanywhere.com>

WebApp → [mafrael.herokuapp.com](http://mafrael.herokuapp.com)

API Rest → [django-restcustomers.herokuapp.com](http://django-restcustomers.herokuapp.com)