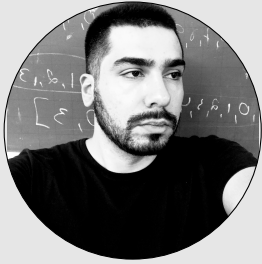


Rafael Domingues

Data Science



About me

I am a Physicist (2014-2018) from the Federal University of Alfenas - UNIFAL/MG. I worked as a Physics teacher (2019-2022) for 4 years in some cities in the interior of Minas Gerais. At the moment, and perhaps indefinitely, I need to be living in Alfenas because I am not willing to move away from my family. I have new career plans, taking a Bachelor's degree in Computer Science (2023/2027) at UNIFAL/MG, interested in home office.

Personal

Rafael Passos Domingues, 27 years old, cycling enthusiast, nature and sky lover. Son of Carlos and Adriana (Machado-MG), father a bricklayer and mother a diarist/chef, besides having a beautiful little brother, who is 17 years younger.

Areas of specialization

Education in Physics
• Creative Ideation • Scientific Programming • Data Science

Interests

Linux / Python / Jupyter Notebook
Image Processing
/ Computational Astrophysics
/ Computational Physics
Arduino / Logic Circuits
/ Robotic

rpassosdomingues

ABSTRACT

2023-2027

Bachelor's degree in Computer Science

UNIFAL · Alfenas-MG

He is pursuing a Bachelor's degree in Computer Science (2023/1) at the Federal University of Alfenas - UNIFAL-MG, currently immersing himself/herself in functional and logic programming paradigms and developing skills for various applications with data structures.



2014-2019

Full professor of physics

UNIFAL · Alfenas-MG

He holds a Bachelor's degree in Physics (2014-2018) from UNIFAL-MG. He participated in the university extension course "AstroWorkshop: Introduction to Astrophysics Tools" (IFQ-UNIFEI, Jul/2016). He was part of the extension project team: "Look at the Sky, See the Universe" (2017-2018), dedicated to science communication activities at the Astronomical Observatory of UNIFAL/MG. During his undergraduate studies, he conducted a computational study and modeling [Python] of stellar orbits in the Galaxy.



DEGREES

2019

Physicist

CERTIFIED · UNIFAL-MG



PROGRAMMING

LaTeX



Python



C/C++



Haskell



WORK HISTORY

2019-2022

Physics teacher

SEE-MG · Estado de Minas Gerais

He worked as a Physics teacher for SEE-MG (2019-2022), demonstrating notable characteristics in terms of intrapersonal intelligence, leadership, and good time management. He has also volunteered in the development of two volumes of study plans supervised by SEE-MG (2020) and contributed to the ideation plan of the Digital School Diary - DED at the State Technology Company of Minas Gerais - PRODEMGE (2022). With a serious and discreet personality, he approaches problem-solving with precision and a methodical manner. He has a broad vision of applying technological tools to task optimization.



HONORABLE MENTION

Out, 2017. III Simpósio Integrado UNIFAL-MG.

PUBLICATIONS

Nov, 2018. MOL2NET'18

doi:<<https://doi.org/10.3390/mol2net-04-05868>>

LANGUAGES

Português
English
Spanish

C2 mother tongue
C2 ● ● ● ●
C2 ● ● ● ●

TALKS

Out. 2019. IV Semana da Física - UNIFAL/MG

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 rafaelpassosdomingues@gmail.com