ADRIANO SILVA

PROFILE

I'm actually a biochemistry guy cleverly disguised as a Python developer who seeks a new challenge in its path.

SOFT SKILLS

- TeamWork
- Work under pressure
- Resilient
- Adaptability

CONTACT

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EDUCATIONAL HISTORY

Degree in biochemistry

Universidade do Minho | 2017 - 2020

- Laboratory skills: electrophoresis, infrared spectroscopy, spectrophotometer, chromatography
- Knowledge in the field of Biology, Chemistry and Pharmaceutics
- Development of the project: "Novas moléculas com efeito terapêutico no cancro colorretal"

Master's in bioinformatics

Universidade do Minho | 2021 - Present

- Programming languages based on Python, Linux Command Line, R, Docker, SQL and no SQL databases, ML algorithms
- Systems Biology, genome-scale metabolic reconstruction using Cobra environments
- Master's Project: "Development of text-mining solutions to facilitate lipid metabolism interpretation in Genome-Scale Metabolic Models"
- Enrolled in developing a web app to facilitate lipid metabolism interpretation in GSM models for my thesis.

ACHIEVEMENTS

- Enroled in the development of the Paper within the scope of the work carried out in the thesis
- Development of a fully functional Python/neo4j tool Lipid_GEMA.
- Development of a fully functional web app to the Lipid_GEMA tool.

SKILLS

Python	MySQL
Neo4J	R
Git	HTML
Pandas	Docker
Spanish	English

I'm actually a Biochemistry student cleverly disguised as a Python developer. It has been now 2 years of this adventure and I couldn't be more excited. I'm a creative and self-motivated Python enthusiast who strongly believe the WORLD RUNS ON CODE... and biology too.

EXTRACURRICULAR ACTIVITIES

- Participate in volunteer actions in my town
- Participate in a camping and mountaineering club

WORKSHOPS AND EVENTS

XI ENEBIOQ
Porto | 2018

XII ENEBIOQ
Aveiro | 2019

Bioinformatic Open Days
Braga| 2022

Bioinformatic Open Days
Braga| 2023

IX Jornadas de Bioquímica
Universidade do Minho | 2018

- WorkShop - "Reconstrução de modelos metabólicos usando a ferramenta bioinformática merlin"

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