



# Raissa Corrêa

## Data Scientist/Analyst

Researcher at PhD level with 4+ years of experience with data analysis and KPIs. My current job includes applying predictive modelling for the discovery of new sensitizers for solar cells. Strong communication abilities, in portuguese and English, and high capacity of problem solving, project management and data analysis.

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## EDUCATION

### PhD in Chemistry

UFABC - Federal University of ABC

01/2020 - 06/2024

Santo André, Brazil

### Bachelor of Materials Engineering

UFABC - Federal University of ABC

02/2017 - 03/2021

Santo André, Brazil

### Bachelor of Science and Technology

UFABC - Federal University of ABC

06/2014 - 12/2018

Santo André, Brazil

## WORK EXPERIENCE

### PhD level Researcher

UFABC - Federal University of ABC

07/2020 - Present

Santo André, Brazil

#### Achievements/Tasks

- Responsible for developing predictive modelling for the discovery of new sensitizers for solar cells
- Responsible for developing a descriptor for molecules suitable for the aimed prediction
- Responsible for data analysis of several molecular databasis

### Customer Experience Intern

Itaú BBA

03/2018 - 09/2019

São Paulo, Brazil

#### Achievements/Tasks

- Responsible for data extraction from several databases for KPIs construction
- Responsible for data visualization in dashboards for monthly executive meetings

### Packaging Development Intern

Bayer

08/2017 - 02/2018

#### Achievements/Tasks

- Responsible for the unification of package information in a single database
- Responsible for monthly monitoring of the area's KPI
- Constant contact with international teams for packaging development tracking

## SKILLS

Data Analysis

KPIs

Data Visualization

Machine Learning

Python

Scientific Computation

## TECHNICAL SKILLS

### Operating System:

- Windows, Linux

### Programming Languages

- Python, C++, Java, Bash, Shell

### Other Software/Tools:

- Gaussian, Origin

## CERTIFICATES

New Trends in Computational Chemistry 2021: The emergence of Data Sciences in Atomistic Modelling (09/2021 - Present)

Artificial Intelligence and applications in Physics (08/2021 - Present)

TOEFL ITP C1 (657/677) (02/2020 - 02/2022)

## LANGUAGES

Portuguese

Native or Bilingual Proficiency

English

Full Professional Proficiency

## INTERESTS

Music

Arts

Idioms

Artificial Intelligence

Sustainability