
ABSTRACT

Versatile and curiosity driven Bioinformatician with 4+ years of experience in Software Development for High Content Screening and a few more programming in general. Continuously working to improve my skills and learn new ones. Excited to acquire knowledge in the widest array of areas. Like a child I am fascinated by everything but what thrills me the most is solving puzzles and mysteries and everything in between!

EDUCATIONAL BACKGROUND

Universidade do Minho

Braga, Portugal
Master degree in Bioinformatics
2015

Universidade do Minho

Braga, Portugal
Bachelor of Science in Biochemistry
2012
Erasmus student at Università degli studi di Milano Statale, Milan, Italy, 2012

PROFICIENCIES

- Research and Development of analytical applications for data analysis and visualization.
- Collaboration with QA teams for Behavior Driven Development Testing
- Quick learner with the excitement and motivation to dominate new tools.
- Collaboration with business teams to capture requirements for new analytical dashboards.

PROFESSIONAL EXPERIENCE

TIBCO Spotfire Consultant BinarySeason

July 2021 – October 2022

Development of interactive analysis dashboards with TIBCO Spotfire platform for pharma industry. Using HTML, CSS and Javascript for interactivity driven by ironpython connection with Spotfire's API. SQL to retrieve data and R for data manipulation.

Senior Software Development Engineer PerkinElmer

April 2020 – December 2020

Research and Development of analytic applications for High Content Screening and Drug Discovery with the TIBCO Spotfire API. Frequent collaboration with QA team to perform BDD testing. Higher responsibility in the life cycle of an application playing a wider role in the development of the same (Full Stack).

Software Development Engineer PerkinElmer

August 2016 – April 2020

Coming from a 6 month internship at the same company continued the focus of contributing to the R&D team with implementation of R analytical methods for applications under the TIBCO Spotfire API. Some contributions with the C# API followed as well as regular participation in code reviews and contact with QA testing.

SKILLS

R

Python

TIBCO Spotfire

Software Development

Data Visualization

HTML, CSS, Javascript, PHP

LANGUAGES

Portuguese (native)

English (Proficient)

Spanish (Advanced)

Italian (Intermediate)