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## ABSTRACT

Versatile and curiosity driven Bioinformatician with 4+ years of experience in Software Development for High Content Screening. Currently going on a journey through the world of Machine Learning and finding my place in it.

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## 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

### Machine Learning by Stanford University & DeepLearning.AI on Coursera.

Certificate earned at November 5, 2023  
<https://www.coursera.org/account/accomplishments/specialization/certificate/MGBXTKY3S76S>

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## 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 learn and dominate new tools.
- Collaboration with business teams to capture requirements for new analytical dashboards.

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## 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.

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## SKILLS

R  
  
Python  
  
TIBCO Spotfire  
  
Software Development  
  
Data Visualization  
  
HTML, CSS, Javascript, PHP

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## LANGUAGES

Portuguese (native)  
  
English (Proficient)  
  
Spanish (Advanced)  
  
Italian (Intermediate)