FELIPE KAWA ODORCYK

PhD in Neuroscience | Data Scientist

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📍 Porto Alegre, Brasil

EXPERIENCE

Specialization in Data Science and AI

PUC-RS

📅 03/2021 - Presente   📍 Porto Alegre, Brasil

Started in March and expected to end in March 2022. Total credit hours: 364 hours.

- Additional Certification in Data Security

Using neuroimaging to predict long-term neurological damage

Biochemistry Department - UFRGS

📅 03/2013 - Presente   📍 Porto Alegre - Brasil

🔗 https://scholar.google.com/citations?user=s6924cgAAAAJ&hl

9 years of experience in the field of neuroscience including master's, PhD and postdoctoral studies. We showed, among other findings, that PET scan neuroimaging is a promising tool to predict long-term brain damage and cognitive deficits induced by neonatal brain injury.

- Implemented the PET scan imaging technique that requires Linux processing and programming language use.
- 20 original articles published in international journals that accumulate more than 250 citations.
- Doctoral thesis was selected by the Graduate Program to compete for the CAPES Thesis Award. Contest that awards the best thesis in Brazil in the year.
- I worked in descriptive statistical analysis, A/B testing, regression and data visualization using SPSS and GraphPad Prism.
- I innovated the laboratory's projects seeking national and international partnerships .

Research Fellow in France

Université Paris Diderot

📅 09/2019 - 03/2020   📍 Paris, França

I was selected by the CAPES/PRINT scholarship program to perform part of the doctoral research at the Université Paris Diderot under guidance from Prof. Dr. Olivier Baud.

- I gained international experience and learned the French language.
- I established this unprecedented international partnership that allowed the implementation of new research methodologies.

Undergraduate Course in USA

Arkansas State University

📅 12/2012 - 2012   📍 Jonesboro, Arkansas

I was awarded a 1-year scholarship through the program. Science Without Borders - CAPES.

- I gained experience abroad and developed my English by presenting oral and written work and taking tests in the language.
- I did an internship in an international laboratory that culminated in a presentation at one of the largest neuroscience congresses of world, the Society for Neuroscience in New Orleans.

ABSTRACT

Biologist, with MSc and PhD in the Neuroscience field. My research focused on using neuroimaging to predict long-term neurological damage, which made me fall in love with the data science field. I am thrilled to use my academic experience and data science expertise to provide data-driven solutions.

FROM RESEARCH TO DATA SCIENCE

Objective

My biggest passion in research has always been looking for relevant questions and trying answer them with numbers. In 2020 I found this passion in the data science field and I want to bring the academic analytical vision for the corporate world.

Competences

- Python (Numpy, Pandas, Matplotlib, Seaborn, Scikit Learn)
- SQL (PostgreSQL)
- SPSS
- Pre-Processing
- Machine Learning Algorithms (Regression, Classification, Clustering)

Data Science Portfolio

🔗 http://github.com/felipeodorcyk/Data_Science_Portfolio

LANGUAGES

Language	Level
Portuguese	●●●●●
English	●●●●●
French	●●●○○
Spanish	●●●○○