Fernando J Soares

1000 Felipe Bender St
Tres Coroas, RS, Brazil
CEP 95660-000
+55 (51) 9 9918 7006
biofsdev@gmail.com

Self-taught I.T. hobbyist, cybersecurity undergraduate student, licensed Biologist

PROFILE

Data driven, science-oriented professional. Since 1986 I have been involved in information technology, teaching, learning and contributing to the field, especially where it intersects with science and biodiversity. For the past 13 years I have been the lead biologist at Tres Coroas townhall. During this time, I have developed my own company, and a few of my own projects: an online handbook APP for better practices in urban trees management, a system for implementing and monitoring public policies, a draft project for an environmental market platform, and a supporting platform for environmental consultants.

LANGUAGES

ENGLISH: ADVANCED   **PORTUGUESE**: NATIVE   **SPANISH**: INTERMEDIATE

SKILLS

PYTHON / DJANGO	★★★	WEB DEV.	★★★★	DATA COLLECTION	★★★★★
DOCUMENTATION	★★★★★	SQL / POSTGRESQL	★★★	DATA CLEANSING	★★★★★
GIT	★★★★★	DATABASE DESIGN	★★★★	INFO SECURITY	★★★★
QGIS	★★★	DEPLOY	★★★	PROJECT MNG	★★★★

RECENT WORK EXPERIENCE

2014 TO DATE – BUSINESS OWNER   Tres Coroas, RS, Brazil

QUADRAT ENVIRONMENTAL CONSULTANCY LTD. — as a small business owner and an environmental consultant since 2010 (when I returned to Brazil from 5.5 years stay in the USA), I do mostly environmental impact assessment studies and analysis of their respective technical documentations. My dream project for this company is to develop an environmental services marketplace platform where engineers, biologists, geologists and all highly qualified professionals can meet for support, expertise exchange and sales.

2012 TO DATE – LEAD BIOLOGIST   Tres Coroas, RS, Brazil

CITY TOWN HALL OF TRES COROAS — As Lead Biologist I have been working extensively with environmental licensing, biodiversity management and urban trees management, while coordinating socioenvironmental projects involving education and riparian forest restoration.

2005 - 2010 – RESEARCH ASSISTANT / ASSISTANT PROFESSOR   Melbourne, FL, USA

FLORIDA INSTITUTE OF TECHNOLOGY — While pursuing my Ph.D., I have worked assisting research with **data collection, data wrangling, data cleansing and data analysis for a mobile app** to help Alzheimer's caretakers, and for a nationwide environmental education assessment project. I have also taught undergrad courses like University Experience and Survey of Science, while supporting the Women's Business Center with basic computer operations classes, mostly Windows OS and MS Office skills.

EDUCATION

1988 – 2002 **UNIVERSITY OF THE SINOS RIVER VALLEY – UNISINOS**   Sao Leopoldo, RS - Brazil
B. Sc. Biology (Graduate and Licensed Biologist)

2003 – 2005 **LUTERAN UNIVERSITY OF BRAZIL – ULBRA**   Canoas, RS - Brazil
Master of Science Education for Sustainable Development

2005 – 2010 **FLORIDA INSTITUTE OF TECHNOLOGY - FIT**   Melbourne, FL - USA
A.b.D. Environmental Education
E.Ed. Interdisciplinary Studies

2024 – to date **UNIASSELVI**   Tres Coroas, RS - Brazil
Technologist in Information Security

SOCIAL

linkedin.com/in/fsoares/   @biofsphere

FORMER EXPERIENCE

From high school graduation as a Chemistry Technician, I moved on to the field of education and for half of my career, I was a high school and/or college teacher working in private and public schools. During this time, I also taught BASIC and LOGO programming languages.