Fernando Soares

Conservation biologist, data science driven, web developer.

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PROFILE

Graduate and licensed **biologist** with a master's in **science education**, Specialist in **interdisciplinary studies**, and an ***A.b.D.*** in **environmental education**. For the past 11 years he has been the lead biologist at Tres Coroas townhall, overseeing all legislation and documentation related to environmental licenses across all industry, mining, infrastructure, and service sectors. Along his career, since 1986 he has been learning and working with I.T. to contribute to the field of science education and conservation biodiversity. Particularly fond of Python and Django development, with a keen eye to Julia Lang, but also WordPress for quicker projects, he is a great multiskilled, data driven, science oriented professional, experienced in regional social and environmental project development.

SKILLS

ENGLISH	★★★★★	HTML / CSS / JS	★★★	DATA COLLECTION	★★★★★
PORTUGUESE	★★★★★	BOOTSTRAP	★★★★	DATA WRANGLING	★★★
PYTHON	★★★	SQL / POSTGRESQL	★★★	DATA CLEANSING	★★★★
DJANGO	★★★★	MKDOCS	★★★★★	DATA ANALYSIS	★★★
JULIA	★★★	DATABASE DESIGN	★★★★	DATA VISUALIZATION	★★★
GIT	★★★★	WORDPRESS	★★★★	AGILE / SCRUM	★★★

PRESENT WORK EXPERIENCE

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

QUADRAT CONSULTANCY AND SOCIOENVIRONMENTAL DEVELOPMENT LTD. — I've been working as a consultant since 2010, when I returned to Brazil from 5.5 years stay in the USA, mostly developing studies for environmental impact assessment. Along with this work I have been working on a few of my own projects for the field, including a system to manage participatory public policy implementation, an online technical manual for the management of urban trees, and a service marketplace for environmental consultants.

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. Currently I am developing an app for promoting recyclable trash collection using **MkDocs** static generator and **Python-Markdown** extensions.

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, wrangling, cleansing and analysis for a mobile app** to help Alzheimer's caretakers, and for a nationwide environmental education assessment. I have also taught University Experience, and Survey of Science for undergraduate students

EDUCATION

1988 – 2002 **UNIVERSITY OF THE SINOS RIVER VALLEY – UNISINOS**　　　　São Leopoldo, RS - Brazil
B. Sc. Biology

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

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

SOCIAL MEDIA

in @fsoares　　　　　 @biofsphere　　　　　 @biofsphere　　　　　 @biofsdev

FORMER EXPERIENCE

As an academic, for half of my career I was a high school and college science and biology teacher working in private and public schools. During this time, I had also 3+ years of experience as a teacher of computer programming (Basic and Logo languages). I have 20+ years of experience as an environmental consultant developing local and regional socioenvironmental projects.