Ian L. Rodrigues — 30 years (1 page resumé)

LANGUAGES

Portuguese – Native language
English – Advanced

EDUCATION

Udemy

Apache Spark 2 with Python. **2018**

Coursera

Introduction to Machine Learning. **2014**

University of Campinas

BSc in Computational and Applied Mathmatics. **2006 − 2010**

Summer Course at LNCC **2009**

Attended the summer course at the National Laboratory of Computational Science (LNCC). Classes taken include Monte Carlo method, Quantic Computing, and Graphs Algorithms.

EXPERIENCES

Data Scientist at Olivia AI Inc. Startup **06/2017 − 09/2018**

- Develop Machine Learning models for a personal finance mobile application. Working with Python, C/C++, and NodeJS.

Main Software Developer at CEPETRO **09/2012 − 06/2017**

- Develop highly optimized algorithms, heuristics for function maximization, various interpolation techniques—all applied to geophysics problems at the Center for Petroleum Studies (cepetro.com.br). Working mainly with C++ and Python.

Software Developer at GêBR **08/2009 − 2012**

- The GêBR project (gebrproject.com) is a Graphical User Interface tool for geophysicists and geologists to process seismic data. It was financed by Petrobras as a research project.

EVENTS

Intel Tech Theater **2015**

- Presented the "Efficient and Fault Tolerant Computation of Partially Idempotent Tasks" expanded abstract at the Intel Tech Theater, Rio de Janeiro.

Wave Inversion Technology **2013**

- Presented the report "Enabling large data processing with the 3D ZO CRS Stack software" at Hamburgo, Germany.

ERAD Contest **2013**

- Participated at the High Performance Computing Contest at the ERAD congress, São Paulo. Developed a very efficient Image Blur algorithm using SIMD instructions (github.com/ianliu/desafio-erad-sp-2013).