Ian L. Rodrigues – 30 years   (1 page resumé, full at linkedin.com/in/ianliu88)

CONTACT

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LANGUAGES

Portuguese – Native language
English – Advanced

EXPERIENCES

Consulting for ViajaNet via Cognitivo.ai   **11/2018 − 12/2018**
- Consulting with ETL processes, using Google Cloud, PostgreSQL, Python Pandas, and Docker.

Consulting for a mobile network company   **11/2018**
- C++ consulting services involving TCP/IP sockets, SSH, and pseudoterminals.

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.

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.

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).

LINKS

- github.com/ianliu
- facebook.com/IanLiuRodrigues