

CONTACT	<i>Phone:</i> +55 19 99899-5021 <i>E-mail:</i> ian.liu88@gmail.com
LANGUAGES	Portuguese – Native language English – Advanced
EDUCATION	<div>Udemy</div> <div>Apache Spark 2 with Python. 2018</div> <div>Coursera</div> <div>Introduction to Machine Learning. 2014</div> <div>University of Campinas</div> <div>BSc in Computational and Applied Mathematics. 2006 – 2010</div> <div>Summer Course at LNCC 2009</div> <div> Attended the summer course at the National Laboratory of Computational Science (LNCC). Classes taken include Monte Carlo method, Quantic Computing, and Graphs Algorithms. </div>
EXPERIENCES	<div>Data Scientist at Olivia AI Inc. Startup 06/2017 – 09/2018</div> <div> <ul style="list-style-type: none"> Develop Machine Learning models for a personal finance mobile application. Working with Python, C/C++, and NodeJS. </div> <div>Main Software Developer at CEPETRO 09/2012 – 06/2017</div> <div> <ul style="list-style-type: none"> 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. </div> <div>Software Developer at GêBR 08/2009 – 2012</div> <div> <ul style="list-style-type: none"> 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. </div>
EVENTS	<div>Intel Tech Theater 2015</div> <div> <ul style="list-style-type: none"> Presented the “Efficient and Fault Tolerant Computation of Partially Idempotent Tasks” expanded abstract at the Intel Tech Theater, Rio de Janeiro. </div> <div>Wave Inversion Technology 2013</div> <div> <ul style="list-style-type: none"> Presented the report “Enabling large data processing with the 3D ZO CRS Stack software” at Hamburgo, Germany. </div> <div>ERAD Contest 2013</div> <div> <ul style="list-style-type: none"> 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). </div>
LINKS	<ul style="list-style-type: none"> https://github.com/ianliu https://linkedin.com/in/ianliu88 (Full resumé) https://facebook.com/IanLiuRodrigues