

WORK EXPERIENCE

EMPLOYER	Daitan Group	Campinas, Brazil - February 2018 — To the present
POSITION	AI Software Architect at Innovation at Daitan Group	
	<ul style="list-style-type: none"> Project Owner of internal research project on infrastructures for Machine Learning deployment on the cloud. Led Company AI driven plans. Author of many workshops and technical talks and co-creator of the company-wide Machine Learning course. 	
EMPLOYER	Eldorado Institute of Technology	Campinas, Brazil - May 2015 — 2018
POSITION	Software Engineer	
	<ul style="list-style-type: none"> Awarded top 5% developer for projects achievements and commitment, 2016 and 2017. Top developer of the Machine Learning research group. Contributed to the Company's expansion in this field allowing for new projects contracts. 	
EMPLOYER	Great Lakes Forestry Centre	Sault Ste Marie, Canada - May 2014 — November 2014
POSITION	Researcher Junior	
	<ul style="list-style-type: none"> Led implementation of the R package for creating and analyzing air trajectory data which was the main computational tool for a research project on predicting insects' movements. Library that encapsulates the core functionalities of the <i>Hybrid Single Particle Lagrangian Integrated Trajectory Model</i> (HYSPLIT) software in order to have total access of its results from within the R environment. 	

EDUCATION

DEGREE	Masters in Computer Science	Present
UNIVERSITY	The State University of Campinas Campinas, Brazil	
DEGREE	Bachelor in Computer Science	July 2009 — December 2014
UNIVERSITIES	The State University of Santa Cruz Ilhéus, Brazil Algoma University <i>Awarded scholarship</i> Sault Ste Marie, Canada	
	<ul style="list-style-type: none"> Application for compressing and encrypting text files using Huffman's algorithm which can reduce file's size up to 60%. <i>Awarded First Prize in Computer Science Programming Class Contest, (2010).</i> 	

HONOURS

- 1st** place Microsoft & Atento Hackathon. Innovative Computer Vision based solution for an Automobile company. *2017*
- CAD 110.00,00 **Science Without Borders** scholarship for exceptional undergraduate students. *(2013-2014)*
- R\$ 4.800,00 **Scientific Initiation Fellow** program that supports research at University. *(2011-2013)*

COMPLEMENTARY EDUCATION

NANODEGREES	Udacity Deep Learning, Udacity Machine Learning	2016 - 2017
	<ul style="list-style-type: none"> Developed and/or designed several projects on schedule by collecting and examining various datasets to build models that include: Support Vector Machines(SVMs), Supervised/Unsupervised/and Deep Reinforcements learning. 	
ENGLISH	English as a Second Language (ESL) - Canada, Achieve Languages - Brazil	
ONLINE	6 Computer Science courses ; Intro to Parallel Programming; Deep Learning; Artificial Intelligence;	
COURSES	C++ for C Programmers; Intro to Machine Learning. (Certificates available upon request)	

SKILLS

LANGUAGES	C; C++; C#; R; PHP; Python; CUDA; OpenMP; MPI
FRAMEWORKS	TensorFlow, Sklearn
TECHNOLOGIES	Jupyter Notebooks; Git; Github; Visual Studio

PROJECTS

- An intuitive introduction to Generative Adversarial Networks (GANs)** (Sep 2017): Popular Medium blogpost on GANs. Implementation and explanation of the DCGAN architecture and concepts.
- Deep Convolutional Semantic Segmentation Networks** (Sep 2017): Tensorflow implementation of Google's Deeplab-V3 network. Emphasizes the best practices of data pre-processing, augmentation, and training techniques. **Blog Post.**
- RNN Language Translator** (Mar 2017): Architected a Sequence to Sequence Recurrent Network to translate English sentences to French. Emphasizes the use the Tensorflow seq2seq API and data processing for text models.
- Asynchronous Actor Critic - A3C** (Jan 2017): Implemented the Google's DeepMind (A3C) algorithm using Tensorflow and Openai Gym achieving excellent results on various Atari games.

For a more in-depth view of this CV, please refer to my *Linkedin*, *Github* and my personal *Deep learning blog*.