

WORK EXPERIENCE

EMPLOYER	Eldorado Institute of Technology	Campinas, Brazil - May 2015 — To the present
POSITION	Software Engineer	
<ul style="list-style-type: none"> Received top level performance ratings and customers feedback every year. Awarded top 5% developer for projects achievements and commitment, 2016. Top developer in the Company's internal Machine Learning research group leading the advances of the Company in this field which allowed 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 insects' transportation. 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. 		
EMPLOYER	RCS Informática	Itabuna, Brazil - March 2012 — June 2013
POSITION	Software Developer (Part Time)	
<ul style="list-style-type: none"> Redesigned the Enterprise's website leading to 60% reduction in customer supporting calls. 		

EDUCATION

DEGREE	Bachelor in Computer Science	July 2009 — December 2014
UNIVERSITIES	The State University of Santa Cruz	Ilhéus, Brazil
	Algonia University <i>Awarded scholarship</i>	Sault Ste Marie, Canada
<ul style="list-style-type: none"> Three years of sponsored research on High Performance Computing (HPC). 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> 		

COMPLEMENTARY EDUCATION

NANODEGREES	Udacity Deep Learning, Udacity Machine Learning	2016 - 2017
<ul style="list-style-type: none"> Developed and/or designed more than 10 projects on schedule by collecting and examining various datasets to build models that include: Support Vector Machines(SVMs), Supervised/Unsupervised/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; SQL; CUDA; OpenMP; MPI; JavaScript
FRAMEWORKS	AngularJS, KnockoutJS, TensorFlow, Sklearn
DATABASES	MySQL, PostgreSQL, MongoDB
TECHNOLOGIES	Jupyter Notebooks; Git; Github; Visual Studio

LANGUAGES

- English and Portuguese

PROJECTS

- 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 seq2seq 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.
- Street View Sequence Recognition** (Sep 2016): Convolutional Network for digit sequence recognition. Deployed several techniques for analyzing and synthetically increasing dataset's varieties to achieve over 95% accuracy.
- Creating Customer Segments - Unsupervised Learning** (June 2016): Reviewed unstructured data to understand the patterns and categories the data fits into. Used algorithms to compare and contrast the results.