Oscar Neiva

oscarneivaeneto@gmail.com
oscar-neiva.github.io
Rio de Janeiro, RJ

Experience	*Scientific Internship* May of 2014 - March of 2016

Experience

Scientific Internship   May of 2014 - March of 2016
Laboratório Nacional de Computação Científica - LNCC, Petrópolis, RJ
- At the LNCC my work was motivated by the study and simulation of systems subject to Markov jumps. The end goal was apply the concepts of Markov jump linear systems in a simulation of the PageRank algorithm, the algorithm behind the Google search engine.

Internship in Software Development   April of 2014 - December of 2015
Laboratório de Sistemas Inteligentes e Robótica - SIRLab, Petrópolis, RJ
- At the SIRLab I worked as software developer in C++ language. The project which I was part of had consisted in develop a autonomous system to guide and control mobile robots. Among the parts of the SIRSoccer system development I was in charge of find and study a control model adequate for the system and create an algorithm with such model.

Education

Faculdade de Educação Tecnológica do Estado do Rio de Janeiro - FAETERJ
Technologist, Information Technology, Petrópolis, RJ, 2013 - 2016.

Colégio M3
College, Niterói, RJ, 2009 - 2011.

Languages

Portuguese, Native.
English, Advanced.

Skills

Languages & Software: C, C++, Linux, OpenGL, OpenCV, Arduino, Matlab, Octave, LaTeX, Java, PHP, HTML, CSS, Microsoft Excel.

Others: Systems and Control Theory, Real-time Control Systems, Search Engine Optimisation - SEO, Stochastic Processes.

Courses and Extra-Curricular Activities

X Escola Luso-Brasileira de Computação Evolutiva, LNCC, February 2014
IX Escola de Verão do Laboratório Associado de Computação e Matemática Aplicada, INPE, February 2015
Processos de Lévy Aplicados a Finança, LNCC, January 2015

Awards

RUNNER-UP in category RoboCup Simulation 2D, LARC/CBR, October 23, 2014.
Destaque na Jornada de Iniciação Científica e Tecnológica, LNCC, Setembro, 2015.

Volunteer Work   Referee at the Brazilian Robotics Olympiad (state Rio de Janeiro), august 2014

Organiser at the Brazilian Robotics Olympiad (local Petrópolis), august 2015