

Contact

asbroccofigueiredo@gmail.com

www.linkedin.com/in/andresbrocco
(LinkedIn)

github.com/andresbrocco
(Portfolio)

Top Skills

Machine Learning

Audio Processing

Computer-Aided Design (CAD)

Languages

Italian (Elementary)

Portuguese

English

Certifications

Machine Learning

Corporate Education Program

Neural Networks and Deep Learning

Applied Vehicle Dynamics
OptimumG Seminar

ADM701 - Complete Multibody
Dynamics Analysis with Adams

André Sbrocco Figueiredo

Software Developer at NICS - Interdisciplinary Nucleus of Sound
Studies
São Paulo

Experience

NICS - Interdisciplinary Nucleus of Sound Studies

Software Developer

March 2019 - Present

As a member of the Group 'Perception, Action, and Interaction', I am developing libraries to support research on multimodal systems and interfaces. The subject of one research is the sonification of human body movement with application purposes in music therapy. Therefore, I've been developing a library to preprocess the Kinect skeleton data and extract body movement features.

VUPH

3D Designer

May 2017 - June 2018 (1 year 2 months)

Designed a prototype of a Hybrid Propulsion Urban Vehicle

FSAE Unicamp - Formula SAE Team

Advisor Member

March 2017 - February 2018 (1 year)

As a former member, I supported the new team leaders with advices in general decisions.

InfoAxis Solutions

Intern

February 2017 - August 2017 (7 months)

Supported clients with the usage of the CAD/CAE/CAM Softwares.

FSAE Unicamp - Formula SAE Team

4 years

Vehicle Dynamics Engineer

March 2015 - February 2017 (2 years)

Manage the interaction between the divisions of suspension, steering, brakes and aerodynamics, from the design phase to the manufacturing and testing phases.

Suspension Leader

March 2014 - February 2015 (1 year)

Lead the suspension division, keeping the members motivated and connected with the project. Manage team resources through the design, manufacturing and testing phases.

Suspension Trainee

March 2013 - February 2014 (1 year)

Support the team with manual labor while learning how the project and the team work through the full year cycle.

CEB - UNICAMP

Mechatronics Intern (R&D Team)

February 2012 - August 2012 (7 months)

Manufacture electronic parts of ongoing researches at the laboratory.

Education

Universidade Estadual de Campinas

Bachelor's degree, Mechanical Engineering · (2013 - 2018)

COTUCA - Colégio técnico de Campinas

Technician, Mechatronics · (2009 - 2011)