

## Contact

+393480413486 (Mobile)  
andresbrocco@gmail.com

[www.linkedin.com/in/andresbrocco](http://www.linkedin.com/in/andresbrocco)  
(LinkedIn)  
[andresbrocco.github.io](http://andresbrocco.github.io) (Personal)

## Top Skills

Programming  
Data Science  
Machine Learning

## Languages

Italian (Professional Working)  
Portuguese (Native or Bilingual)  
French (Elementary)

## 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  
Swindon, United Kingdom

## Experience

NICS - Interdisciplinary Nucleus of Sound Studies  
Software Developer  
March 2019 - Present (1 year 1 month)

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  
5 years

Advisor Member  
March 2017 - February 2018 (1 year)  
As a former member, I supported the new team leaders with advices in general decisions.

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.

### InfoAxis Solutions

Intern

February 2017 - August 2017 (7 months)

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

### CEB - UNICAMP

Mechatronics Intern (R&D Team)

February 2012 - August 2012 (7 months)

Manufacture electronic parts of ongoing researches at the laboratory.

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## Education

### Universidade Estadual de Campinas

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

### COTUCA - Colégio técnico de Campinas

Technician, Mechatronics · (2009 - 2011)