

# Andre SBROCCO

Software Developer



Andre SBROCCO FIGUEIREDO

1994  
Brazilian, Italian

## About me

Andre is a young mechanical engineer that is currently shifting his career towards software development. He plans to step into the market as a front-end/back-end developer while he acquires knowledge in data science to further evolve his career towards more influential positions.

## Things I do

Read papers on MIR - Music Information Retrieval • Linux  
• Have fun with Pure Data  
•  $\text{\LaTeX}$  • Play musical instruments • Vim • Scrum my life • Arduino  
• Raspberry Pi • Audio Signal Processing

## Things I want to do

Open a startup on new musical interfaces • Play the piano • Learn: Docker, Angular, Vue, TypeScript, Django, Redux, Ember, Ionic, React Native, AWS

## Languages

Portuguese	mother tongue				
English	C1	●	●	●	●
French	B1	●	●	●	●
Italian	B1	●	●	●	●
Spanish	A2	●	●	●	●

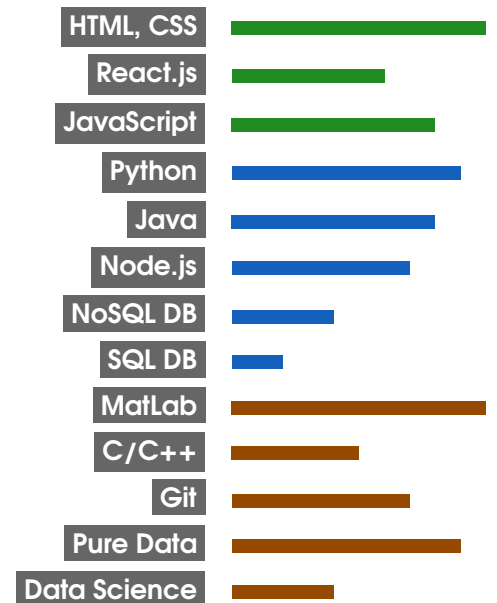
## Education

- 2018 **Mechanical Engineering**  
M1 • UNICAMP, Brazil
- 2016 **Engineering**  
BSc. • UNICAMP, Brazil
- 2012 **Mechatronics Technician**  
Fd.ENG • COTUCA, Brazil

## Training & Courses

- 2020 **Agile Software Development (Scrum)**  
Coursera - University of Minnesota
- 2018 **Neural Networks and Deep Learning**  
Coursera - DeepLearning.ai
- 2018 **Machine Learning**  
Coursera - Stanford University

## Tech-Knowledges



## Experiences

2019 - 2020  
9 months

### Cultural Experience Across Europe

Italy, Netherlands, France, United Kingdom •   
Took some time to learn other languages and experience other cultures. In this period worked as gardener, as catering assistant and even as dog keeper.

2019  
6 months

### Software Developer

Java • NICS - Interdisciplinary Nucleus of Sound Studies, Brazil   
Developed libraries to support research on multimodal systems and interfaces using Microsoft Kinect. The subject of one research was the sonification of human body movement with application purposes in music therapy.

2018  
1 year

### 3D Designer

CAD/CAE Softwares • VUPH - Hybrid Propulsion Urban Vehicle, Brazil   
Designed a prototype of a Hybrid Propulsion Urban Vehicle.

2017  
9 months

### Mechanical Engineering Intern

CAD/CAE Softwares • InfoAxis Solutions - PTC, Brazil   
Supported clients with the usage of the PTC Engineering Softwares (CAD/CAE/CAM).

2013 - 2017  
5 years

### Vehicle Dynamics Engineer

Racing Team • Formula Student/SAE Unicamp, Brazil   
The 40-member team designed and built a "mini-Formula 1" car that have won the Brazilian competition and participated in 2 international competitions in the USA, presenting the project to honorable names from the automotive industry.

2012  
1 year

### Mechatronics Intern

R & D • Biomedical Engineering Center - Unicamp, Brazil   
Manufactured electronic parts of ongoing researches at the laboratory.