Andre **SBROCCO**
Software Developer

Andre SBROCCO FIGUEIREDO
1994
Brazilian, Italian

www.andresbrocco.com · andresbrocco (LinkedIn) · andresbrocco (GitHub) · +33766778830
Palaiseau, France · andresbrocco@gmail.com

About me

Andre is a young mechanical engineer that is currently shifting its career towards software development. He recently fell in love for the freedom that software development gives him to create. As a knowledge addict he would love to dive into an innovative project, where his creativity could be explored.

Things I do

Read papers on MIR - Music Information Retrieval ● Linux ● Have fun with Pure Data ● 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

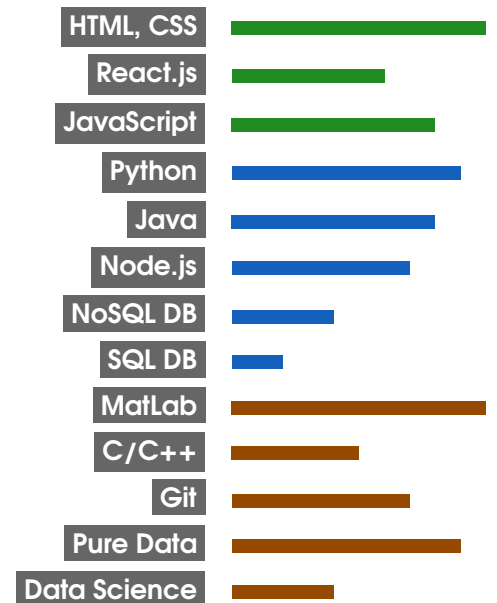| Portuguese	mother tongue
English	C1
French	B1
Italian	B1
Spanish	A2

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

- HTML, CSS
- React.js
- JavaScript
- Python
- Java
- Node.js
- NoSQL DB
- SQL DB
- MatLab
- C/C++
- Git
- Pure Data
- Data Science

Experiences

2019-2020 — 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 — 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 — 3D Designer
CAD/CAE Softwares · VUPH - Hybrid Propulsion Urban Vehicle, Brazil
Designed a prototype of a Hybrid Propulsion Urban Vehicle.

2017 — 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 — Vehicle Dynamics Engineer
Racing Team · Formula Student/SAE Unicamp, Brazil
The 40-member team designed and builded 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 — Mechatronics Intern
R & D · Biomedical Engineering Center - Unicamp, Brazil
Manufactured electronic parts of ongoing researches at the laboratory.

www.andresbrocco.com · andresbrocco (LinkedIn) · andresbrocco (GitHub) · +33766778830
Palaiseau, France · andresbrocco@gmail.com