



Adrià Cadena Rubio

Audiovisuals Systems Engineer



15 March 1995



Barcelona, Spain



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Skills

Signal Processing



Java



Android



Musical skills



Graphic Skills



Physics



Maths



C and C++



OpenGL



Kotlin



Machine / Deep Learning



Management



About Me

I am an engineer passionate about computing, maths, physics and art. Working on things that combine these disciplines together is my passion.

I spend my free time playing music on my guitar, programming whatever comes to my mind, learning new stuff or playing video games.

Right now I am focused on improving my programming skills, since I think it is a very interesting way to apply my engineering skills.



Education

2013-2019 Bachelor's degree

[Audiovisual Systems Engineering](#)

[Universitat Pompeu Fabra](#)

2011-2014 English level certificate.

EOI 3rd, 4th and 5th English level certificate.

[EOI Vall d'Hebron](#)

2011-2013 High School

Technological Itinerary

[Sagrada Familia Horta](#)



Projects

2020-Now

[Link to the projects](#)

Currently I am working on some projects related to rendering graphics in real-time in order to improve my understanding on how softwares like video games are made.

2018-2019 Final Degree Project

[Universitat Pompeu Fabra](#)

My bachelor's degree final project (TFG) was about an Android application with real-time musical chord recognition features. You can find more information about this project and its source code [here](#), on Github. I was rewarded with an excellent (9/10) for this project.

2014-2018 [Goodfellows](#) (Pop-Rock Band)

While I was studying my Bachelor's, I started working on a musical project. I met some musicians on the internet and I joined their band. We started composing and playing in many places around Barcelona.



Experience

2020-Now IT Teacher

[Scratch BCN](#)

Programming, 3D printing and Robotics High School Teacher.

2017-2020 Android Developer

[Genaker PTT](#)

For almost two years and a half I worked developing a Critical Mission Push To Talk Android Application. From its backend to its frontend.



Languages

English
Catalan
Spanish

Fluid
Mother Tongue
Mother Tongue