



## Adrià Cadena Rubio

Audiovisuals Systems Engineer



My Website



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Barcelona, Spain



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Minichain



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## Skills

Signal Processing



Android



Physics



Maths



Game Dev



Musical skills



Graphic Skills



Machine / Deep Learning



Management



## Tools

Java, Kotlin, C, C++, Python, Android Studio, OpenGL, GLSL, LWJGL, HTML, CSS, JavaScript, Matlab, Octave, Adobe Photoshop, Sony Vegas...



## 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 knowledge in engineering.



## Education

2013-2019 Bachelor's degree Universitat Pompeu Fabra  
Audiovisual Systems Engineering

2011-2014 English level certificate. EOI Vall d'Hebron  
EOI 3rd, 4th and 5th English level certificate.



## Experience

2021-Now Android Developer IDNEO Technologies  
Working on the development of an Android App connected to Amazon Web Services making use of Kinesis SDK.

2020 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.



## Projects

2020-Now Link to projects  
Currently I am working on some projects related to rendering graphics in real-time in order to improve my understanding on how softwares, such as 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](#).

2014-2018 Goodfellows  
Lead guitarist in a Pop-Rock Band.



## Languages

English  
Catalan  
Spanish  
Fluid  
Mother Tongue  
Mother Tongue