Personal info

Born in Terrassa on
03.02.1994

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🏠 Terrassa (Barcelona)

Languages

Catalan ● ● ● ● ●
Spanish ● ● ● ● ●
English ● ● ● ● ○
German ● ● ● ○ ○

Programming Languages

PHP ● ● ● ● ◐
Javascript: ● ● ● ● ◐
HTML / CSS ● ● ● ● ◐
SQL ● ● ● ● ○
Latex ● ● ● ● ○
Python ● ● ● ○ ○
Kotlin ● ● ● ○ ○
C++: ● ● ○ ○ ○

Software tools, frameworks

Git ● ● ● ● ●
Linux ● ● ● ● ○
Laravel ● ● ● ● ○
React ● ● ● ○ ○
MongoDB ● ● ● ○ ○
Nodejs ● ● ● ○ ○
Android ● ● ● ○ ○
Figma ● ● ● ○ ○
Tableau ● ● ● ○ ○
Excel ● ● ● ○ ○
Krita ● ● ● ○ ○
Godot ● ● ● ○ ○

Soft Skills

- Logical mindset
- Hard working
- Empathic
- Open minded

Interests

- Software development
- Science
- Language learning
- Hiking

Bernat Ferrer

Backend developer

I am a 26 year old software developer, opened to new experiences and projects as well as curious about several areas of the knowledge. I am really motivated in the area of software development, constantly striving to learn more and excel. I am always engaged in personal software projects.

Professional experience

Fullstack developer at Assembler, Barcelona. June 2020-Now

Working with the programming languages HTML,CSS, JavaScript, PHP, SQL and the frameworks Laravel, Nodejs and React. Some of the projects are listed below.

- Development of a social network with PHP using the Laravel with the main features of a social network (comments, likes, following, notifications) . Implementation of a relational database using SQL and database migrations. Usage of MVC pattern with object oriented programming. repo link

- Development of a fully functional calendar with JavaScript, CSS and HTML and without the help of external libraries. try it here

- Development of a file-system manager with JavaScript, HTML and PHP. repo link

Android developer as a freelance, Barcelona. March 2020-May 2020

Development of an app for language learning using Kotlin and the MVVM pattern. Published in the google play platform App link.

Data analyst at M-net, Munich. Sept 2018 - Oct 2019

Analysis of revenue data using Tableau and Excel in order to optimize benefits and reduce loses.

Physics Researcher at the USM , Munich. 2018 - 2019

Development of an interface for the visualization of data coming from astrophysical simulations of protoplanetary disks. Name of the master thesis: *Constraints in gap opening timescales in the HD 623296 protoplanetary disk.*

Private maths teacher

Maths lessons for high-school students, Terrassa. 2012-2016.

Education

Master in software development Assembler School, Barcelona. 2020-Now

Astrophysics Master Ludwig Maximilians University, Munich (LMU). 2017-2019

Physics Degree Universitat Autónoma de Barcelona (UAB). 2012-2017

Additionally

A user experience course at LMU, Munich. 2019.

A six month internship at the European southern observatory (ESO), Munich. April -Sept 2018.

Volunteer in a homeless shelter in the city of Pittsburgh, USA. Summer 2013.