

ALBA TALAYA VIDAL

EDUCATION

Postgraduate course in Full-Stack Web Technologies
[February, 2022 - Currently]
UPC School • Barcelona

Bachelor's degree in Telecommunications Engineering. Speciality on Telematics Systems
[September, 2016 - June, 2021]
Polytechnic University of Catalonia • Barcelona
[September, 2021 - January, 2022]
Technische Universität Wien • Vienna

Batxillerat Tecnològic

[September, 2014 - June, 2016]
Institut Damià Campeny • Mataró

OTHER QUALIFICATIONS

Certificate in Advanced English CAE C1 (195/210)
[2016] • Cambridge Exam

Diplôme d'études en langue Française DELF A2 (82/100) [2014]

Monitor of leisure time education for children and teenagers - 310h [2018] • Escola Mirall

First Certificate in English FCE B2 [2014] • Cambridge Exam

Labour Risk Prevention - 2h [2019] • Fundació Champagnat

EXPERIENCE

Head of Music • [2016-2021]

I have directed the rehearsals and parades of the "Colla Gegantera de Valldemaria" attending official events.

Leisure time monitor for children ages 8-18 • [2016-2020]

I have been a monitor of the Mò Oberta - Cor Obert Youth Association, where I have helped to educate children during leisure time.

Gralla Teacher • [2015-2020]

I have taught gralla at the Maristes Valldemaria school for students of different ages and levels.

Private Tutoring • [2015-Actualment]

I have given private lessons in different subjects over the years, but the most prevalent have been Mathematics, Technology and English.



PERSONAL DATA

Alba Talaya Vidal
05-11-1998



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CAR

Driver's license B [2019]
I own a vehicle

MORE



linkedin.com/in/albatatalaya
github.com/albatatalaya

LANGUAGES

Catalan	○ ○ ○ ○ ○	Native
Spanish	○ ○ ○ ○ ○	Native
English	○ ○ ○ ○ ○	C1, Advanced
French	○ ○ ○ ○ ○	A2, Basic



PROJECTS

Bachelor's Thesis - [Link](#)

Mobile application for cyclists with hearing problems. The microphone of the mobile device is used to analyze the audio in real time, and when an approaching motorized vehicle is detected, it shows a visual warning through augmented reality glasses connected via Bluetooth. Technologies used:

- Sound analysis: Matlab
- FrontEnd: Angular
- BackEnd: Python

Advanced Engineering Project - [Link](#)

Creation of a new implementation for the UPC student's app by IThinkUPC. Project done in a group of 5 students.

TECHNICAL SKILLS

Angular	● ● ● ● ● ○
HTML/CSS/JS	● ● ● ● ● ○
Python	● ● ● ● ● ○
Matlab	● ● ● ● ● ○
Java	● ● ● ● ○ ○
C	● ● ● ○ ○ ○
TeX	● ● ○ ○ ○ ○
Haskell	● ● ○ ○ ○ ○

QUALITIES

- Organized
- Creative
- Adaptable
- Dedicated
- Critical thinking
- Problem solving
- Teamwork

OTHERS

Participation in the "Anem x + Matemàtiques" workshops [2012-2013] • Feemcat

Oboe and musical studies [2008-2016] • El Carreró Music School, Mataró

Erasmus [2021] • Vienna, Austria

Comenius (Erasmus+), English exchange program [2013] • Ankara, Turkey

English exchange program with International House [2013] • Newcastle, United Kingdom

French exchange program [2014] • Lyon, France