

SANDRA HIDALGO VAZQUEZ

Phone number: (+34) 626881667

E-mail: anagnorisis4@gmail.com

Barcelona 08020

Date of Birth: 10/08/1981

EDUCATION BACKGROUND

Master of Secondary School Teacher. 2022.

UNIR. International University of la Rioja.

- Specialty in Mathematics.

Master degree in Advanced Mathematics and Mathematics applied to engineering. 2016.

MAMME. (Polytechnical University of Catalonia. UPC).

- Mathematical Modelization
- Numerical Methods

Bachelor Degree in Physics. “Licenciatura”. 2011.

Faculty of Physics. University of Barcelona

- Resolution of mathematical problems in physics
- Understanding of the different theories and its applications

WORKING EXPERIENCE

Teacher. Ins La Pineda. 09/2020-Currently

Lessons of electrical installations at superior and mid cycle level in the area of job training education.

Teacher. Ins Barres i Ones. 09/2019-07/2020

(Substitution position)

Lessons of mathematics at Secondary Level.

Teacher. Ins Premia de Mar. 02/2019-06/2019

(substitution position)

Lessons of FP Basic of electricity and analog electronics.

Teacher. Ins Premia de Mar. 10/2018-12/2018

(substitution position)

Lessons of Electrical Installations

Programmer. Sertrans. 11/2017-07/2018

- Automatization of some tasks using console applications in c#
- Development in C# of Windows Forms Applications.
- Follow the implementation of a project in the enterprise.

Programmer. Beswan Systems. 03/2017-05/2017

- *Development of a windows forms application for computing the working hours..*

Junior Programmer. KD Toons and Games. 07/2016 – 02/2017

- Development of an Algorithm for audio music recognition.

As a part of a team, we have developed a research project in audio music recognition.

We have had to understand the Fourier Transformation in order to reproduce the signal done by a song, and we studied how to solve the issue of the noise in the ambient for building an efficient audio music recognition algorithm.

Technical Support Helpdesk. PSS. 12/2014 – 09/2015

- *Data and voice incidents administration.*

Network Operations. Cronos Group. 10/2013- 12/2014.

Cronos Group is a telecommunication enterprise whose goal is to work as an operator between different companies of Voice via IP.

- *Analysis and operations of the rates of the different world zones*
- *Testing the quality of the voice via IP in different providers.*
- *Monitoring of the voice via IP network.*

Assistant waitress. PATSA. 03/2012 – 09/ 2012

- *Working with a team in order to do different tasks in a fast food restaurant.*

High School Support Teacher. IES Bernat Metge. 01/2008 – 05/2008

- *Support lessons of physics, chemistry and mathematics*

Computer fellowship. Faculty of biology. University of Barcelona.

- *Software and hardware maintenance.*

TRANSVERSAL SKILLS

ENGLISH: B2.1. level, able to work in an international team.

CATALAN AND SPANISH: Native.

UNITY and C#: I have been working as a junior developer in KD Toons and Games with these tools.

FORTTRAN: I have Developed different programs in Fortran in the Linux environment in my studies of physics and mathematics.