



# Internship

Do you want to be a part of the team disrupting the educative measurement space while harnessing your technical abilities to work with **Data**?

The UPM teachers' team related to the Educative Innovation Experience "**IE1718.0508: GAMIFICACIÓN. UN ESTUDIO TRANSVERSAL**" is looking for an internship to join them. The intern will be part of a very experienced team working in Madrid.

## Goal

The goal of the Project is to develop a systematic approach to exploit data coming from gamification tools like kahoot® (<http://kahoot.it>) and some other sources like individual questions, tests, etc. The toolset is expected to be delivered in python 3.6+ and able to process regular excel files, making possible to process on regular basis in time (weekly) to provide feedback to the students.

## Description and Milestones

1. Training sessions (2h for gamification schemas + 3h for OS + 4h for programming in python + related datacamp course).
2. Create the Entity Relationship Model as well as the DataBase
3. To develop the code in python to import/upgrade the student list from the excel file coming from moodle.
4. To develop the tool processing the kahoot evidences per class group.
5. To develop the tool processing the individual question records
6. To develop the tool processing some other tests
7. To develop the tool processing the practical scores
8. To integrate the final figure according to a combination rule.
9. To produce reports and pictures according to the use case defined.
10. To create a user manual per tool as well as a report assessing their experience.

## Characteristics

- 3 months starting by April 1<sup>st</sup> 2018.
- Salary: 400 € / month
- Total required effort : 80h/month = 240h

## Skills and requirements

- Interest in the fields of Data Management, Programming Languages.
- B2 level in English language.
- It would be desirable but not mandatory some ability to handle relational databases as well as knowledge of SQL.

## Procedure

To apply to this internship you should send the following information **before March the 26th** to [j.ordieres@upm.es](mailto:j.ordieres@upm.es):

- Academic record in PDF format
- 1 page CV with a recent picture in PDF format.
- One paragraph explaining why you are interested in this internship.
- One paragraph justifying your skills against those required.