

Jaume Noguera

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Undergraduate computing student. Passionate about science, new technologies and innovation with a strong background on marketing and IT, including a lot of interest for Artificial Intelligence, music and Psychology.

Education

Academic Qualifications.....

- **University of Portsmouth** **Portsmouth**
Bsc (Hons) Computing, Predicted First Class *2015–2018*
 - **Final year engineering project** *'Recognising image emotions with the Valence and Arousal vector model using convolutional neural networks'*

This research presented a novel approach on recognizing images emotions, categorizing them using the Valence and Arousal vector model. This challenging project required the ability to teach myself a completely new subject in addition to remarkable planning and organisational skills, setting own deadlines and managing workloads to succeed with the artefact.
 - **DSTL data visualization:** *'Visualisation of MOD data using TreeMaps'*

Delivered interactive visual tools to display hierarchical data structures using a tree map. Developed two artefacts that read data from a JSON file and display the Ministry of defence entities and their relations. Gained insights in data structures and visualization
 - **Web4All accessibility project:** *'Improved Web accessibility for smart glasses'*

The project enabled the web browsing experience to the Sony Smarteyeglass device employing voice commands. It required excellent planning, team work, communication skills, and the ability to develop software with proprietary API's.
- **IES Almatà** **Balaguer**
CFGS – Desarrollo de Aplicaciones web (HNC - Web development), final grade 7 *2013–2015*
 - **Web development consolidation project** *'Building an online shopping system from scratch'*

This project involved applying all the skills gained on the course to build an interactive web shopping system. The artefact used a combination of multiple technologies such as Java web services , SQL databases, JavaScript, HTTP cookies, PHP, HTML and CSS.
- **IES Almatà** **Balaguer**
CFGM – Sistemas Microinformáticos y redes (VET - Computer systems and networks) *2011–2013*

Relevant Employment

- **Keysight technologies** **Barcelona**
Web & Social Media Marcom Intern *July 2016–July 2017*

Responsible to create and maintain all the web related events and promotions for the region in keysight.com. In addition performed many challenging tasks like the following:

 - Setting up commercial awareness promotions and web-forms for lead creation
 - Being involved in regular meetings to set up new Marcom strategies
 - Using leadership and management skills to create events and trade shows in the web
 - Applying communication skills to deliver all the updates to the the team.
 - Create update records in the database and maintaining the web updated
- **Corporación Alimentaria Guissona** **Guissona**
Developer and IT support *Summer 2014 + summer 2015*

Job performed during the summers on the Electrical and mechanical workshop. I operated close to the managers and developed custom applications now used everyday by the employees. In addition I've carried out the following responsibilities:

- Innovative desktop application to automate handwritten forms and put them to a Database
- Web application to visually display the alarms of the machines related to the workshop
- Maintenance of the access controls tags (Raspberry pi)
- Applied problem solving skills to configure computers with special requirements.
- Support for the users without computers knowledge

○ **Associació Cultural Neret**

Queralbs

Summer camps monitor

2012–Present

Volunteer job carried out during the summers on the cultural association Neret. Few duties involved in the job are listed below:

- Meetings all over the year to prepare the camps
- Responsible of 200 kids aged 9 - 17 during 15 days
- Gained responsibility, values, leadership and group work skills

Technical skills

- **Programming Languages:** Proficient in: Python, SQL, JavaScript, HTML, CSS, Java, PHP, TeX
Also basic knowledge of: C, VBA, Swift.
- **Frameworks/Libraries used:** TensorFlow, Keras, NumPy, Pandas, Cv2, Scikit-Learn, Matplotlib, NodeJS, JQuery, Git, Bootstrap
- **Language Skills:** Proficient in: English, Spanish and Catalan. Basic knowledge of French

Interests and extra-curricular activity

- Currently bass player on the discovery rock band. Music has been always one of my main passions, Studied guitar and music for 12 years. I can play guitar, bass, keyboard, drums and few wind instruments (performed several years on a marching band).
- Amateur photographer and videographer, worked as a photographer in several festival and venues. Contributed doing the summer camps aftermovie. Photography is another of my main passions, I enjoy capturing moments.
- I like to keep fit and maintain a healthy lifestyle, I go to gym and take delight in sports. Played on the futsal team of my collage and competed in several mountain bike races.

References

References available on request.