



## Item 8 - Report

Diseño y Pruebas  
Grado de Ingeniería del  
Software Curso 3

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Diseño y Pruebas .....	1
1. Introduction .....	2
2. Companies. ....	2
3. Projects. ....	3
4. Technologies. ....	3
5. Goals. ....	4
6. Conclusion. ....	4

## 1. Introduction

As a student that I am I have not many knowledge about company names but I am getting the idea of what field I would like to start working in. Computer science has many branches and once I am in the working sphere I may change my mind. But here I will try to describe where I would like to start working.

## 2. Companies.

In the beginning I will start talking about the fields I would like to get involved.

Since Android and IOS started to be popular and I started to get in touch with those technologies I am interested in developing applications for mobile devices. Actually they have a better centralized distribution of the applications and it is easier to publish and make your application known.

This academic year, having started programming web pages with spring in this subject (Design and Testing), I also started to be interested in programming and designing web pages. Before I did not know about MVC and after working on it and hearing and trying out other technologies like Laravel or Django I can see me working in this area.

Developing games is also one thing that I think I would enjoy doing. Nowadays there are a lot of technologies to start with and that makes possible small companies and startups to create a videogame without having to program a graphic engine right from the start.

I do not really know much about companies but I would like to start working with actual and new technologies. I would also like to go abroad and work out of Spain to learn new languages and improving my English. I do not discard the idea of working in Spain if I really like the company or my situation requires it.

As an example of a company where I would like to work, I can say Genera Games, here in Seville. I made a Unity course imparted by their workers. They taught us how a lot of things in two months and told us about their working methodology in the company. I went to a job interview but it was for working on videogames user interaction analytics but I was more interested in the development and the schedule was not compatible with my classes.

Startups also draws my attention but it is needed a trusted group of people who shares the same working interests and the courage to put your efforts on it without the security of succeeding in the attempt.

### 3. Projects.

To start I would like to get involved in most of the projects using current technologies to expand my range of possibilities if they are of my interests. The learning of different technologies helps you to see things from other points of view very useful when creating. Projects working with small devices like Arduino with programmable control through mobile applications seem to me, apart from interesting, to have a good gap in the market for things like automation and home automation.

I would also like to work on designing and developing puzzle and strategic videogames because it is an area where creativity is necessary to stand out and the infinity of design possibilities and environments that can be created make the repetitive work less frequent.

### 4. Technologies.

For mobile applications I have tried out Android Studio which works great but I would like to use something more hybrid like IONIC to cover a higher market sector.

To develop web pages I am working now with Laravel for the Hackaton and I like it so far. I am also interested in learning Python and many students tell me many good things about Django so I also want to know more about it. For the logic on the front-end I started learning VUE and did few things but I would like to know other frameworks like Angular to see the the pros and cons of each one.

For videogames I like Unity for the tools it provides to developer and the ease of publishing to different platforms. It also gets updated to keep up with the industry and improve ... Unreal Engine also amazes me for its high potential and powerful tools. They both have a huge community and documentation to get into it.

## 5. Goals.

My main goal actually is to end the degree and I do not really know what my goals will be when I end it. But these are the general steps I think I will take:

- Focus on a field to start working.
- Research on companies specialized on the field who use current technologies.
- Get in touch with the technologies they use and that I want to learn.
- Send my CV to those companies and go to the job interviews to get a job.
- Move from a company to others to learn about other technologies and working methodologies.
- If I do not like the field start researching about companies and technologies in other fields and start again.
- If at any time I find a company where I really like the job and the working environment I would work hard to get the job I want and do my company improve as much as I do.

## 6. Conclusion.

It is too soon to really know where I would like to work and maybe my future is not even close to what now I think I want to do in the near future. More experience is needed to know my real interests. What I have told are vague dreams that without effort will not become anything. Focusing on what we want to do and working hard is the best way to achieve our life purposes and feeling professionally fulfilled.