



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) Guillem Fernandez
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Nationality Spanish
Date of birth 11th June 1972
Gender Male

Desired employment / Occupational field

IOS Developer

Work experience

Dates February 2015
Occupation or position held IOS Engineer
Main activities and responsibilities Integrated in a team, as an engineer my tasks consist in participating in the full process of the application development, planning meetings, refinement meetings, estimation meetings and user stories implementation.
The development is done in Objective-c implementing unit test and functional tests with XCTest and Quick .

The main groups of tasks that I am performing in the project are:

- Design and Develop Communications interface.
- Design and Develop Visual Components.
- Design and Develop Security Interfaces.
- Design and Develop Video Streaming Components.
- TDD and BDD.

The main areas of the app that I've been responsible of full developing or main developer are:

- Virtual Sports pages. Created sports carousel and communications component to synchronise event time start with centralised server time, and insertion of streaming control.
- Streaming control. Full development of a control that's is capable of selecting different sport streaming providers and show them independently of the type of streaming source provided.
- Addition of streaming and statistics providers in event page.
- Scoreboards interface. Development of a component that builds a representation of statistics, scores and visualisations for the event pages.
- Implementation of the Horse Racing pages for stream visualisation, interfacing with event updates to allow or prevent visualisation of events based on user qualification.

	<ul style="list-style-type: none"> • Implementation of cashout for multiple bets. • Implementation of legal footer to inform about the legal issues in all sport pages.
Name and address of employer	Paddy Power
Type of business or sector	Betting company
Dates	September 2013 – February 2015
Occupation or position held	IOS Engineer & Tech Leader
Main activities and responsibilities	<p>As a Tech Leader of a three developers team and two QA engineers, I was responsible of deciding which technology, libraries and architectural structures the mobile team should use to implement the different solutions. I was responsible of reporting to management preparing and managing the demos after each sprint and manage and lead the different meetings.</p> <p>As engineer my tasks consist in developing new features on the selling solution which is an iPad App. The main characteristics of the app is the ability to synchronise a catalogue of products, perform the full sell cycle and use a third party solution to place the order and, after that, be able to process the response.</p> <p>The development is done in Objective-c implementing unit test with XCTest and functional tests with calabash.</p> <p>The main groups of tasks that I am performing in the project are:</p> <ul style="list-style-type: none"> • Design and Develop Communications interface. • Design and Develop Visual Components. • Design and Develop Security. • Desing and Develop Update system based on operations using multithreading. • Create Testing Interface system to allow the test users test the app as it is being developed. <p>All this project is being developed using the latest techniques on mobile development as TDD , BDD and Agile using Atlassian products.</p>
Name and address of employer	Stella&dot
Type of business or sector	Jewellery and complements
Dates	Jan 2013 - September 2013
Occupation or position held	IOS Development Responsible
Main activities and responsibilities	<p>As responsible of iOS Development created a map centric application that, by requesting data to a server though a RESTful API, obtained a series of POIs that were placed on the map providing information around the user current position and the ability to interact and send information back to the server. Initially the application was developed using MapKit, but finally was moved to MapBox to allow offline navigation on the App so the amount of data transmitted when being on roaming felt down dramatically.</p> <p>The main groups of tasks that I am performing in the project are:</p> <ul style="list-style-type: none"> • Design and Develop Data interface. • Design and Develop Communications interface. • Design and Develop Visual Components. • Design and Develop Security. • Create Testing Interface system to allow the test users test the app as it is being developed. <p>All this project is being developed using the latest techniques on mobile development as TDD or Agile Development.</p>
Name and address of employer	WhatNow Travel
Type of business or sector	Tourism promotion

Dates	July 2012 – January 2013
Occupation or position held	Mobile Team Lead
Main activities and responsibilities	<p>As head of mobile team, leading a team of five engineers, I'm responsible of defining a new architecture for the mobile applications of the company, plan a new development from scratch. Hostelworld's app is a map centric application based on filtering by different criteria the hostels you have around a given position and then, thought their own server process the reservation and maintain a list of reservations in the phone. It is developed basically using mapkit.</p> <p>I am also in charge of leading meetings, reporting to management, planning resources and taking technical decisions. At the end of my collaboration I coached one of the engineers to lead the team.</p> <p>The techniques I use to manage and develop the projects are:</p> <ul style="list-style-type: none"> • Agile Project Management. • TDD. • Code Review. • Continuous Integration. <p>Once the Inception Deck is finished I am starting with the development of the UI interface. To do it I am doing BDD using the framework calabash to pass the behaviour tests in iOS. I created the set of requirements with the product owner and moved it to a Gherkin syntax in order to use cucumber. At the same time I'm developing the model, which consists in a wrapper class that communicates with a REST service, doing TDD.</p>
Name and address of employer	HostelWorld.com
Type of business or sector	Online Web Reservations
Dates	September 2011 – July 2012
Occupation or position held	IOS Developer & Tech Leader
Main activities and responsibilities	<p>As a Tech Leader of a three developers team, I was responsible of deciding which technology, libraries and architectural structures the mobile team should use to implement the different solutions. I was responsible of reporting to management preparing and managing the demos after each sprint and manage and lead the different meetings.</p> <p>Integrated within a development team I'm working as iOS developer. In collaboration with an Android development team we develop a client to use ISIS Papyrus services and executer server applications. To carry out our daily work we use Gerrit Code Review tool and TDD as a development methodology in order to move towards a process of continuous integration that allows us to ensure the quality of the products developed. I've also developed an application to get information about ISIS events around the world.</p>
Name and address of employer	ISIS Papyrus Europe AG
Type of business or sector	Software Development
Dates	November 2009 – September 2011
Occupation or position held	CTO and HR Manager
Main activities and responsibilities	<p>My tasks as CTO were to decide the technologies that will support the development of the daily activity of the company and the development of internal management application that I developed based on an SOA that later we used to operate services from applications I developed, web applications developed in PHP and desktop applications in Cocoa and Cocoa Touch for iPhone and iPad.</p> <p>As HR Manager my tasks were to perform the technical and personal interviews to candidates to hire for our customers.</p> <p>Likewise, among my duties was also project management and consulting. I managed to develop different implementation projects and Help-Desk creation projects.</p> <p>To develop my work, managed a team of four professionals from the division HR and a group of more than 40 people technically.</p>
Name and address of employer	Arestes Serveis Informatics S.L.

Type of business or sector	Headhunting and Development Outsourcing
Dates	February 2008 - September 2011
Occupation or position held	iOS Developer
Main activities and responsibilities	<p>Since early 2008 I made various developments in the OSX environment, IOS and Android for different customers in Barcelona including the local Government. Among the projects in IOS are the following applications:</p> <ul style="list-style-type: none"> • SITCRA - IOS and Android versions can be found in the App Store and Android Market. • Application in Android sporting management with push notifications.
Name and address of employer	Freelance
Type of business or sector	Software Development
Dates	February 2008 – June 2009
Occupation or position held	Business Manager
Main activities and responsibilities	<p>My duties as Account Manager consisted in managing customer accounts, the selection of personnel to make technical outsourcing, managing the budget for my unit and P & L. Likewise managed two junior manager to forming units in managing encargándose likewise the management of their P & L and resources.</p>
Name and address of employer	Alten Tecnologías de la Información y las Comunicaciones
Type of business or sector	IT Outsourcing Services
Dates	July 2004 – February 2008
Occupation or position held	C++ and PHP Developer
Main activities and responsibilities	<p>During this period I made different collaborations with customers from different sectors. The main projects I worked in were:</p> <ul style="list-style-type: none"> • Real State management server and application developed in PHP and C++ the client app. • CRM developed in Borland C++ for a stationery commercial company. • CRM developed in Visual C++ for a import/export company.
Name and address of employer	Freelance
Type of business or sector	Software Development
Dates	December 2000 – July 2004
Occupation or position held	Project Manager
Main activities and responsibilities	<p>I joined Getronics to be responsible for developing in C++ in TF-21 project on infrastructure department of GES. My duties initially consisted of a thorough analysis of needs that had 'la Caixa' to improve the implementation of Windows 2000 operating system as a replacement for OS2. Managing a team of two programmers, we did all developments required to provide the required functionality of the operating system it did not provide for themselves. Among the most prominent projects are:</p> <ul style="list-style-type: none"> • Creating a PKI certificate management application. This application was standardized in a product called oneCert that was sold separately. • Creating a system management tasks, communicating with a centralized repository, allowing the office responsible for managing the tasks of each user and share tasks between users. • Creating a customer of HP OpenView for Windows 2000 since the product was not compatible at that time. • Creating a centralized schedule that allowed the sending of event and notification a la 'push' to the terminals. • Change system login Windows 2000 to allow Login with a chip card reader. <p>On completion of the TF-21 I joined a project for 'Caja Madrid' consisting in modifying the source code for OWA to enhance system security as security audit considered it unsafe to access from home. We added a system using triple DES encryption for sending keys through a secure connection in the connection establishment and avoiding the page refresh after the session.</p>
Name and address of employer	Getronics España Solutions
Type of business or sector	Consultancy
Name and address of employer	www.guillemfernandez.com – gfernandezg@me.com

Education and training

Dates June 1991 – September 1997
Title of qualification awarded IT Engineering (Currently standardizing with UOC for BOLOGNIA)
Principal subjects/occupational skills covered IT Engineering.
Name and type of organisation providing education and training Universitat Politècnica de Barcelona

Dates June 1993
Title of qualification awarded First Certificate in English

Dates June 2001
Title of qualification awarded Master in Project Management

Personal skills and competences

Mother tongue(s) Spanish and Catalan

Other language(s)

Self-assessment
European level ()*

English

French

Understanding		Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production	
C2		C2		C2		C2	
B2		B2		A2		A2	

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences I'm used to making presentations and conferences on both technical and managerial issues. I Acquired those skills through the experience in consultancy, formation and my activity in NSCoders España where I did some presentation of development techniques and examples.

Organisational skills and competences I've been managing people since 2000 and to do it I did different courses in traditional management and agile management.

Technical skills and competences As an IT Engineer my technical skills are basically all related with it on the different OS and environments.

Driving licence I can drive cars and motorcycles of any kind.

Additional information

The links to the applications I've done or complete or some parts are:

MeteoCat:

<http://itunes.apple.com/es/app/meteocat/id1079532789?mt=8>
<http://meteocatapp.cat>

Mi Salario:

<http://itunes.apple.com/es/app/id564602010>

SITCRA :

<http://itunes.apple.com/es/app/sitcra/id435449328?mt=8>
<https://play.google.com/store/apps/details?id=com.cti.sitcra&hl=es>

iGoles:

<http://itunes.apple.com/es/app/igoles-2012/id453775846?mt=8>

Collaboration in developing the 2011 iOS version and full developed the Android version that never was not uploaded but can be shown.

ISIS Papyrus:

<http://itunes.apple.com/us/app/isis-papyrus/id522141912?mt=8>

Raiffeisen Meine Bank:

<http://itunes.apple.com/at/app/raiffeisen-meine-bank/id437426300?mt=8>