

## PERSONAL INFORMATION



## Alejandro Santos Sánchez

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Sex Male | Date of birth 01/04/1981 | Nationality Spanish

## JOB APPLIED FOR

## Civil engineer

## WORK EXPERIENCE

05/04/2010–18/06/2013

## Project Manager

Applus Norcontrol, S.L.U.  
Ctra. N-VI, Km.582, 15168 Sada (A Coruña) (Spain)  
[www.applusnorcontrol.com](http://www.applusnorcontrol.com)

As part of the Department of Infrastructure, responsible for performing tasks related with design, management and control of execution of civil works. Expert in control of infrastructure's concessions. Realization of project managers and support to the team of quality control, mainly in relation to the control of pavements.

Participating in the following projects:

- Implantation of a conservation management system integrated into the road network in Galicia (Spain)
- Technical assistance to the operation and maintenance of the Highway 'Autovía del Barbanza AG-11)
- Supporting the quality control department, mainly in terms of pavement quality control
- Support Infrastructure Department (Xunta Galicia - Spain) in processing the tender documents from the Public Works Concession 'Autovía Carballo - Berdoias' (Highway)
- Support Infrastructure Department (Xunta Galicia - Spain) in processing the tender documents from the Public Works Concession 'Autovía da Costa da Morte' (Highway)
- Support Infrastructure Department (Xunta Galicia - Spain) in processing the tender documents from the Public Works Concession for the construction and operation of 'Autovía del Morrazo' (Highway) and regional road network
- Report on the viability of the phased implementation of the 'Parque Ofimático' (urbanization)
- Control and monitoring of the slopes on the Highway 'AG-53 Santiago - Ourense'
- Design of roads

**Business or sector** Professional, scientific and technical activities

15/10/2007–05/04/2010

## Chief Technical Officer (CTO)

Constructora San José, S.A.  
Amio, 122 - Polígono Costa Vella, 15707 Santiago de Compostela (A Coruña) (Spain)  
[www.constructorasanjose.com](http://www.constructorasanjose.com)

As part of the Department of Civil Engineering, acting as the Head of Technical Office in the implementation of two major pathways in the Galician autonomous community: a section of the AG-53 highway, with a budget of € 100 million; bypass and a variant in Pontevedra, with a budget of € 40 million.

The works that have participated are:

\* CORRIDOR 'Variante de Marín: TRAMO II'

- *Promoter:* Xunta de Galicia

- *Budget:* 38,000,000 €

- *Properties:*

> Design and implementation of newly built road 4.4 km long, 2-lane cross-section of 3.5 m wide and 2.50 meters wide outside, with the existence of an additional lane for slow vehicles in the 80% of the route

> Design and implementation of a diamond-link allowing connection of the variant with the PO-12 and PO-11, determined by the design of short length viaducts and green walls in search of the smallest possible space occupation

> Excavation around 850,000 m3 of excavation and 750,000 m3 of fill

> Definition, along the route of the trunk, numerous structures, highlighting the performance of three viaducts of varying lengths

\* HIGHWAY 'AG-53 SANTIAGO - OURENSE'

- *Promoter:* ACEOUSA / Xunta de Galicia

- *Budget:* 103,000,000 €

- *Properties:*

> Execution of Highway 13 km in length, with a template formed by dual carriageway, with two lanes in each of them, as well as the execution of a bond with the A-52 previously existing redefining and modifying its type, by using short length structures and reinforced earth walls

> Excavation around 3.5 million m3 of excavation and 2.5 million m3 in filling

> Definition, along the path, a large number of structures, including the execution of two large viaducts : Barbantiño Viaduct, 800 meters long, and Viaduct over the River Minho, 440 m long

Business or sector Construction

EDUCATION AND TRAINING

01/01/2000–01/09/2007	<b>Master of Science in Civil Engineering (Ingeniero de Caminos, Canales y Puertos)</b> Universidade da Coruña (UDC), A Coruña (Spain)	EQF level 7
01/05/2012–01/08/2013	<b>Postgraduate Course in maintenance and operation of Roads</b> Structuralia / Estudios COEX, Madrid (Spain)	Postgraduate
01/10/2014–Present	<b>Energy efficiency in infrastructures</b> Colegio de Ingenieros de Caminos, Canales y Puertos, A Coruña (Spain)	Technical Course
01/12/2012–01/04/2013	<b>Hydraulic network modeling (using EPANET)</b> Enclave Formación, Madrid (Spain)	Technical Course
01/10/2012–01/12/2012	<b>Project Viability Analysis</b> Tecniberia, Madrid (Spain)	Technical Course
01/06/2011–01/12/2011	<b>Expert in Management of Railway Operations</b> Structuralia, Madrid (Spain)	Technical Course

01/02/2011–01/02/2011	<b>Working at Heights</b> Inaudita Formación, A Coruña (Spain)	Technical Course
11/11/2011–12/11/2011	<b>First Aid</b> Applus, A Coruña (Spain)	Technical Course
01/11/2010–01/11/2010	<b>Occupational Risk Prevention: Civil Works</b> Applus, A Coruña (Spain)	Technical Course
06/04/2010–16/04/2010	<b>Initial Training in Occupational Risks Prevention</b> Tecniberia, Madrid (Spain)	Technical Course
15/10/2007–01/04/2008	<b>Occupational Risks Prevention</b> Ibermutua, Madrid (Spain)	Technical Course

**PERSONAL SKILLS**

Mother tongue(s) Spanish, Galician

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	C1
First Certificate in English (FCE)					

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user  
[Common European Framework of Reference for Languages](#)

Communication skills Communication skills as responsible for managing teams for my professional performance

Organisational / managerial skills - Organizational skills, self-monitoring and adaptability for teamwork  
 - Adaptability to changing priorities  
 - Constant search for training to expand knowledge

Computer skills a) High Knowledge:  
 \* Windows  
 \* Word processors: Microsoft Word  
 \* Spreadsheet: Microsoft Excel  
 \* Design Tools: Autocad  
 \* Surveying and Mapping Tools: Clip, MDT, Istram  
 \* Budget Management Tools: Menfis, Presto  
 \* Project Management Tools: Microsoft Project, Primavera Project Planner  
 \* Microsoft Powerpoint  
 \* Database: Microsoft Access

\* Video editing tools: Pinnacle Studio

b) User Knowledge:

\* Hydraulic desing tools: HEC-RAS, EPANET

\* Structural Analysis tools: SAP2000, CYPE

\* Database: Oracle 11G

\* Photo editing tools: Adobe Photoshop

Other skills \* Knowledge of editing and production of video material  
\* Musical Knowledge: guitar

Driving licence B

#### ADDITIONAL INFORMATION

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##### Projects

2007: Winner of the Award 'UNION FENOSA' by the Project 'Aprovechamiento hidroeléctrico en el Río Xesta' (hydraulic design)