

Roberto Salguero

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CIVIL ENGINEER

An enthusiastic and highly motivated person who has a clear understanding of the role and responsibilities associated with being a civil engineer. I am currently looking for a suitable position with an ambitious company where I will be working with industry experts, people who have the skills and experience to make a real difference to my future.

EDUCATION/QUALIFICATIONS

Bachelor's degree in Civil Engineering.
(European Higher Education Area)

Cáceres, Spain.

The University of Extremadura

Duration: 4 years

Graduated: June 2013.

Award: Best academic record of class 2013.

Master's degree in Civil Engineering (at present)

Santander, Spain.

The University of Cantabria

Duration: 2 years

Expected date of graduation: June 2015

Courses:

- Maps and the Geospatial Revolution, the Pennsylvania State University.
- Next Generation Infrastructures, Delft University of Technology.

PROFESSIONAL EXPERIENCE

June 2013 – September 2013: **Design Engineer.**

Aral Consulting. Cáceres, Spain.



Responsibilities:

- Develop designs to satisfy technical specifications.
- Check design calculations of designers and other engineers within the team.

- Lead design reviews, risk assessments from a technical standpoint.
- Ensure quality of design documentation throughout the design process.
- Conduct technical analyses of survey and field data for development of topographic, soil, hydrological or other information and prepare reports.
- Deliver risk assessments, technical files and other technical documentation required by safety legislation and procedures.
- Select and strategize allocation of work to sub-contractors.
- Prepare contract documents and review and evaluate tenders for construction projects.

Spring 2013: **Intern**

Idom International Ltd. Cáceres, Spain.



General site supervisory duties in the construction of a four-mile stretch of The High Speed Line Madrid-Extremadura, specifically over the Almonte River where it joins the Alcántara Reservoir, by an arch bridge spanning 420 yards in total; making it the largest arch bridge in the world (by the length of their main span). This large arch makes up the main span over a 1089yd long viaduct, with a clearance over the river of 87.5yd.

- Learned to coordinate teams and solve unexpected problems.
- Gained experience in blueprint reading, as well as preparation of maps and plans.

November 2012 – June 2013: **Assistant scholar**

The University of Extremadura. Cáceres, Spain.



Research on sustainable urban mobility, analysis of urban and interurban traffic, coordination of transport modes in cities, efficiency of the transport system, etc.

SKILLS

- Strong Mathematical Skills
- Strong Computer software skills
- Strong team working capabilities
- Excellent written and oral communication
- Strong attention to detail

Software:

- AutoCAD (including Visual Basic), Microsoft Office (Word, Excel, PowerPoint, Project and Access), MATLAB, R, Digital Surface Models, Construction Cost Management, Storm Water Management Models, ROBOT Structural Analysis (Autodesk), Geographic Information Systems (GIS), etc.

Languages:

- Fluent in English
 - First Certificate in English, University of Cambridge (2012)
 - English course in The English Studio, London (2009)
 - English immersion program, UIMP University, Madrid (2011)
 - Principals of Written English, University of California, Berkeley.
- Native Spanish.
- Basic French
 - French course in École Accord, Paris (2011)
- Intermediate Portuguese

Others:

- Available to travel abroad (European work permit).
- Driving license.