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Birthday date: July 17th of 1983
Nationality: SPAIN - WORK PERMIT: YES



Miguel Angel Soler Ruiz, COACV

Degrees

- **ARCHITECT & BUILDING ENGINEER** (Plan 1979, 6 years)
Polytechnic University of Valencia, Spain 2001-2007. Registered and Licensed in Spain, COACV.
Equivalent to MSA Master of Science in Architecture. **BIM ARCHITECT** and 3D Coordination.
- **CIVIL ENGINEER (ROADS, DAMS, PORTS, BRIDGES, TUNNELS, PIPES...)** (Plan 1999, 5 years)
University Alfonso X El Sabio of Madrid, Spain 2007-2010. Licensed in Spain.
Equivalent to MSCE Master of Science in Civil Eng. Trained to build all kind of infrastructure.
- **PUBLIC WORKS ENGINEER. Specialty in Civil Constructions.** (Plan 1999, 3 years)
Trained for Building Management in Civil Constructions. Final project on process.
Polytechnic University of Valencia, Spain 2008-2010

Awards

- **1st Prize** in the **TRABIT** contest for Civil Engineers with the research: *"Study on road safety campaigns in Spain"* Madrid, Spain 2010\
- **Finalist** in the **BASF Construction Chemicals** contest for Civil Engineers with the research: *"The hydraulic retraction of concrete. Calculation and cracking"* Valencia, Spain 2009
- **49K Prize** for Entrepreneurs – Universidad Politecnica de Valencia Valencia, Spain 2011

Languages

- **SPANISH:** as mother tongue **ENGLISH:** proficient **RUSSIAN:** basic Level

Currently working at...

- **Professor at NYU-Polytechnic Institute – Civil Engineering Department**
Construction Modeling & Data I and Construction Modeling and Data II
New York, 2012 (from September 2011 to the present)
- **M.Arch Architects:** Project Architect. Structural Engineer. Building Engineer. BIM Architect.
Designed residential, commercial and institutional projects. From sketching stages to construction phase. BIM Design. Building Permits. Engineering reports (boring tests, test pits, drywells...)
Structure calculations. Foundations design. Scheduling. MEP Design. Web site design.
New York, 2012 (from January 2011 to the present)
- **ZONER® Beta:** Self-development of an Android™ based application for mobile devices. **ZONER®**
calculates what is the maximum buildable floor area for a property in seconds.
New York, 2012 (from October 2011 to the present)

Past working experience

- **City Planning Department** of Polytechnic University of Valencia: city planning development, teaching tasks, town planning courses for lawyers, town planning studies.
Valencia, Spain 2006-07 (1 year)
- **A.M.C. Arquitectura Mediterránea Contemporánea:** Project Architect. Designed mainly institutional projects. CAD Design, energy calculations, code adaptation. Valencia, 2007 (3 months)
- **DRAGADOS Construction:** Civil Engineer. Technical office for the construction of the Cultural Center of Benidorm (Alicante, Spain) designed by Architect Navarro Baldeweg. Developed construction plans, schedules, in-site control, materials control, change orders, measuring, pricing.
Alicante, Spain 2007 (3 months)
- **FREELANCE WEB DESIGN:** Development and design of Web pages for more than 40 companies.
Some projects: - **M.Arch Architects:** www.marcharch.com
 - **Arquitectura Mediterránea Contemporánea:** www.arquitecturamc.com
 - **Universidad Complutense Madrid** <http://www.ucm.es/info/cet/>
- **CEMEX Spain.** Two concrete practical workshops: "Cátedra Blanca", "Music & Architecture" for the construction of buildings with musical uses. Valencia, Spain 2005 and 2006

Software skills

Architectural: Autodesk REVIT, AutoCAD, 3ds MAX, Adobe Photoshop, InDesign – Hydraulic: Epanet
Structural: CypeCAD, SAP2000 – Traffic – Topographic – Acoustics – Web: Dreamweaver, Flash
Computer engineering: JAVA – Development of applications for Android™ devices.