# PATRICIA C VALDEZ L

Civil Engineer



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Civil engineer, with training in Structures and Topography area. Currently, professor of the University of Los Andes in road area of the Faculty of Engineering. Experience in Structural Calculus with CSI Software (SAP2000, ETABS), detailed plans (AutoCAD Structural Detailing, Concrete, Steel), topographical surveys (Total station, GPS), course instructor (AutoCAD, CivilCAD).

# PROFESSIONAL EXPERIENCE

# Full Time Instructor Professor

University of Los Andes May 2016 - Present

Professor attached to Road Department, School of Civil, Faculty of Engineering, of the University of Los Andes. Subjects to be taught: Topography I, Topography II, Roads I y Roads II.

# Draftsman Engineer



Design, structural calculus, sanitarian and electrical design of 35 single- family homes for "La Gran Victoria" community, located in Ejido, Mérida. As well as similar tasks for a single-family home located in Manzano Alto, Mérida.

# Resident Engineer



Resident Enginner in reshuffel of 02 single- family homes in Los Olivos Urbanization Maturín, Monagas.

### CAD Draftsman

#### **ELEVA ISO 14000** *May 2015 – Dec. 2015*

Digitization of plans for several projects performed by the company in the area of civil engineering and mechanics.

### Draftsman Engineer

Tukupido SPA & Hotel April 2012 – June 2012

Earthmoving of all facilities, including road design. Guanare.

Trainer

University of Los Andes

July 2010 – Sept. 2012

Trainer of Topography I y II in School of Civil and General Topography in School of Geological, Faculty of Engineering, of the University of Los Andes.

# ACADEMIC TRAINING

University of Los Andes, Mérida, Venezuela, 2017

Basic Teaching Component in Post-secundary Education

Guía Ingeniería, Mérida, Venezuela, 2016

Specialization in Structural Projects

- Guía Ingeniería, Mérida, Venezuela, 2016
   Structural calculus of bridges with CSI Bridge Software
- Interactive College of Technology, Chamblee, Georgia, U.S., 2015
- English as a Second Language
  University of Los Andes, Mérida, Venezuela, 2013
  - Civil Engineering

# LANGUAGES AND SOFTWARE

- Spanish (Native)
- English (Advanced)
- French (Basic)
- AutoCAD (Advanced)
- CivilCad (Advanced)
- AutoCAD Structural Detailing (Advanced)
- Civil 3D (Medium)
- ETABS (Advanced)
- SAP2000 (Advanced)
- Office Package (Advanced)
- Global Mapper (Medium)
- HTML Programming (Advanced)



# DISTINCTIONS AND RECOGNITIONS 📀

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### University of Los Andes, 2013

*Cum Laude Distinctions* granted through the principal Mario Bonucci Rossini, by the score obtained in the subjects of the pensum of the career: 16,16 points.

## University of Los Andes, 2013

Honor Diplomas in the subjects: Representation Systems 20, Topography II, Environmental Sanitation, Materials and Testings, Soil mechanics, Construction II, Structural Projects, Applied Law; granted through the principal Mario Bonucci Rossini "As proof of achievement in the study and favorable credential in university matters that require good use in the subject indicated, or merit in the course undertaken".

### University of Los Andes, 2013

Academic Rank: SECOND (2°) place in a group of twenty four (24) graduating, in the university leaving B - 2012 period.

### • University of Los Andes, July 2010- Feb. 2013

*Principal Student Representative* before the Council of School of Civil of the Faculty of Engineering.

# 🚫 ACCREDITATIONS 오

### Design and Structural Calculus with SAP 2000

University of Los Andes 8hrs académicas- 2011

Instructor: Orlando Ramírez

#### Lulo Win

University of Los Andes 8hrs académicas- 2011

Instructor: José Lulo

# Vessel Drainage Conference

University of Los Andes 8hrs académicas- 2011

Instructor: University of Los Andes

# **Bilingual English Certificate**

Fundaidiomas 2009-2011

Instructor: University of Los Andes

#### Integral management of solid waste

**CIULAMIDE** 40 hrs- 2010

Instructor: University of Los Andes

#### Bridges Journeys: design, maintenance and rehabilitation

University of Los Andes 8 hrs- 2010

Instructor: University of Los Andes

### Ibero-American Congress of Civil Engineering

**FUNDAVIC** *30 hrs- 2010* 

Instructor: FUNDAVIC

### Congress Advances and Challenges in mobility and transportation

Universidad Industrial de Santander 24 hrs- 2009

Instructor: Bucaramanga

# **I Ibero-American Congress of Engineering Teaching**

**ASIBEI** 24 hrs- 2009

Instructor: Bucaramanga

#### AutoCAD Basic Course

University of Los Andes 40 hrs- 2007

Instructor: Pedro Araujo