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ING. JESUS M. NUÑEZ ROLON EIT 22274

EDUCATION:

2006-Present:	M.S. Structural Engineering at UPRM
GPA Graduation MS:	4.0 on a 4.0 scale
Expected Graduation MS:	May 2008
Degree Sought:	B.S. in Civil Engineering at UPRM
GPA Graduation BS:	3.71 on a 4.0 scale
GPA Major BS:	3.90 on a 4.0 scale
Graduation BS:	May 2006

RESEARCH INTEREST:

My research interests include: Design and analysis of structures, Bridge Engineering and Dynamic analysis of Dams subjected to earthquakes.

WORK EXPERIENCE:

August 00 to June 01:	Designer	CEOS, Caguas Puerto Rico Performed Architectural and Surveying drawings by hand and Auto Cad.
June 05 to August 05:	Civil Engineer Researcher	US Army Corps of Engineers Engineering Research and Development Center (ERDC-WES), Vicksburg, MS Responsible for the following research: Leaching of Copper from Portland cement mortar Containing Copper and Copper compounds
January 06 to May 06	Student Researcher	University of Puerto Rico Mayagüez Campus Department of Civil Engineering and Surveying Prof. Juan J. Bernal Responsible for the following research: Reinforced Soils (Triaxial Tests)
August 06 to Present	Master of Science Thesis	University of Puerto Rico Mayagüez Campus Department of Civil Engineering and Surveying Prof. Luis E. Suárez Responsible for the following research: Dynamic Analysis and seismic evaluation of Guayabal Buttress Dam

KEY SKILLS AND COMPETENCIES:

- Knowledge in: Auto Cad 2008, VIZ2008, MATLAB R 2007a, MathCAD 14, Microsoft Office 2007, Sap 2000 v11.0.6, and ETABS.
- Architectural Drafting

AWARDS AND HONORS:

- June of 2001 Robert C. Byrd scholarship
- June of 2003 Boeing Company scholarship
- February 2007 Pass Civil Engineering PE exam (Oct. 2006)

EXTRACURRICULAR ACTIVITIES:

- Vice-president of the National Honor Society, Chapter Cacimar (1998-2001)
- Skill USA VICA National architectural drafting contest due in Kansas City, Missouri (Summer 2001)
- Member of the American Society of Civil Engineers (ASCE), American Concrete Institute (ACI), Tau Beta Pi national engineering society, Golden Key International Honor Society and CIAPR.
- American Concrete Institute Egg Protection Device competition due in Charlotte, North Carolina (March 26, 2006)