

Radhames Rosa

Graduate Engineer

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Education:

- B.S. Civil Engineering, University of Florida, 2009
- A.A. Engineering, Miami Dade College, 2006

Professional Experience:

The Pepper Engineering Group, Inc, Miami, FL (06/09 – Present)

Engineering Technician / Graduated Engineer

- Assists Project Engineers in structural and forensic building inspections. (Such as hurricane damage, loading failure, lightning damage, construction defects, soil settlement and fire damage.)
- Creates CAD drawings for building damage documentation.
- Creates basic soil borings and classification reports.
- Researches several building and engineering codes for design requirements. (FBC, ACI 318, ASCE/SEI 7-05).
- Calculates design pressures for several engineering applications.
- Assists building repair estimate reviews.

University of Florida Research, Gainesville, FL (01/08 - 04/08)

Research Assistant

- Responsible for preparation of materials and admixtures for creep deformation testing on various types of concrete mixtures.

Gonzalez and Sons, Inc, Medley, FL (05/07- 08/07)

Summer Internship

- Analyzed numerical data from laboratory reports to verify that structural standards were met.
- Calculated concrete estimates.
- Assisted Project Engineer in supervising all project logs.
- Aided field personnel in everyday steel deficiency issues.
- Aided field and office personnel in maintaining all current drawings on file.

Skills:

- Proficient in AutoCAD
- Experience with Microsoft Project and Primavera.
- Able to construct useful programs to analyze engineering data in C++, MATHCAD and MS excel.
- Fluent in written and spoken Spanish.

Professional Affiliations:

- American Society of Civil Engineers