

Jordan Woodson

Structural Engineer at Arup

jordan.woodson@gmail.com

Experience

Structural Engineer at Arup

January 2012 - Present (5 years)

Structural engineer in Arup's Washington DC building group. Responsible for the structural design of a wide manner of building projects in Washington, DC and elsewhere, both nationally and globally. Jordan has a passion for integrated design and has developed techniques for advancing project delivery and project coordination. Jordan has developed unique skills in the analysis and design of complex structures using a variety of advanced modeling and analysis techniques.

Project Work

- Chrysalis Amphitheatre, Columbia, Maryland
- 11th Street Bridge Park Design Competition, Washington, DC
- Torre Virreyes, Mexico City, Mexico
- Torre Manacar, Mexico City, Mexico
- New Mexico City International Airport, Mexico City, Mexico
- Royal Opera House, London, UK
- 7901 West Park Drive, Tyson's Corner, VA
- Carnegie Mellon Scott Hall, Pittsburgh, PA

Summer Intern at Weidlinger Associates, Inc.

May 2011 - August 2011 (4 months)

Teaching Assistant at Duke University

August 2009 - May 2010 (10 months)

Pratt Undergraduate Research Fellow at Duke University

January 2009 - May 2010 (1 year 5 months)

Construction Management Team, Co-Project Manager of Media Room Team at Home Depot Smart Home, Duke University

August 2006 - May 2008 (1 year 10 months)

Intern at Perkins Eastman Architects

May 2007 - August 2007 (4 months)

Intern at GGA Architects

December 2005 - May 2006 (6 months)

Skills & Expertise

Steel Design

Concrete Design

Structural Analysis and Modeling

Revit

AutoCAD

Modeling

Concrete

Structural Analysis

Matlab

Project Management

SAP2000

Structural Engineering

Microsoft Office

Engineering

Sustainability

Construction Management

Public Speaking

Education

The University of Texas at Austin

Masters of Science, Architectural Engineering, 2010 - 2011

Activities and Societies: Advanced Reinforced Concrete Members, Advanced Reinforced Concrete Structures, Prestressed Concrete, Advanced Structural Metals, Structural Fire Engineering, Computer Methods in Structural Analysis, Dynamic Response of Structures

Duke University

Bachelors of Science, Civil and Environmental Engineering, 2006 - 2010

Activities and Societies: Men's Club Soccer (Vice President), Duke Women's Varsity Soccer Practice Player, Pi Kappa Phi Fraternity (Warden), Duke-Carolina Student Basketball Marathon (Advertising Chair), Tau Beta Pi Honors Fraternity, Chi Epsilon Honors Fraternity (Secretary), Phi Beta Kappa

Interests

Soccer, Hip-Hop, UNC Basketball, Sustainability, Design (Industrial, Graphic, Architectural), BIM Coordination, Total Architecture

Certifications

PE, State of California

California Board of Engineers

LEED AP BD+C

USGBC

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[Contact Jordan on LinkedIn](#)