

# **BRANDON DUSTIN JEFFREY**

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## **OBJECTIVE**

As a professional engineer I am working towards high standards of professionalism to protect the public's safety and welfare by practicing with excellence the engineering profession.

## **EDUCATION**

### **COLORADO STATE UNIVERSITY**

Master of Science Civil Engineering, August 8, 1998  
Structural and Solid Mechanics Engineering

### **COLORADO STATE UNIVERSITY**

Bachelor of Science Civil Engineering, May 16, 1997  
Engineer Intern (EI), FE exam, April 20, 1996

Relevant course work:

- Continuum Mechanics
- Structural Analysis
- Finite Element Analysis
- Advanced Concrete Design
- Infrastructure Management
- Advanced Wood Design
- Advanced Mechanics of Materials

## **EXPERIENCE**

### **STRUCTURAE, LLC. WESTMINSTER, CO**

Project Manager / Owner April 12, 2004 – Present

Duties: Complete structural engineering design for residential, commercial, industrial, institutional, and retail buildings. Provide clients complete structural analyses, calculations, drawings, and assistance in the building construction phase. Also, we provide complete residential architectural drafting.

### **COLORADO REGISTERED PROFESSIONAL ENGINEER**

Registration Number 38098  
Structural I Exam, December 29, 2003

### **ENGINUITY STRUCTURAL CONSULTANTS, LLC. LOUISVILLE, CO**

Project Engineer July 14, 1999 – May 16, 2003

Duties: Complete structural engineering design for residential, commercial, industrial, institutional, and retail buildings. Provide clients complete structural analyses, calculations, drawings, and assistance in the building construction phase.

### **TRANSPORTATION TECHNOLOGY CENTER, INC. PUEBLO, CO**

Masters Technical Paper June 15, 1998

Topic: Analysis of rail flaw inspection data for the Transportation Technology Center Inc. published May 2000, Insight, The Journal of The British Institute of Non-Destructive Testing, Vol. 42 #5.

### **HBC CONSTRUCTION SUMMIT COUNTY, CO**

Foreman/Form-setter May – August, 1994, 95, 96

Duties: Excavating, layout, surveying, footings, caissons, form setting, flatwork, and steel placement for concrete foundations.

Accomplishments: The complete construction of over 100 concrete foundations for both commercial and residential buildings.

## **MILITARY**

### **ARMY ROTC FORT KNOX, KY**

ROTC Cadet June 1992 – July 1992

Duties: Six-week boot camp to gain mental, leadership and military training.

Accomplishments: Army ROTC Scholarship, Camp Challenge, and Gauntlet Award.

## **COMPUTER SKILLS**

- Auto Cad
- Finite Element Analysis
- Graphics Software
- Programming
- Spreadsheets
- Technical Papers
- Technical Presentations
- Internet
- Structural Engineering Software: Cold Formed Steel, Enercalc, Risa, PC Slab, TJ Beam, Math Cad

Excellent personal and professional references provided upon request.