

Dustin M. Burner

7265 W. Center Ave. Apt A-111,
Lakewood CO, 80226

www.DustinBurner.com

dburner@mines.edu
Phone: (970)-319-5934

Objective

Seeking a full time structural design position beginning summer 2016.

Short term goals: To obtain a graduate degree in civil engineering with an emphasis in structural engineering.

Long term goals: To become a licensed professional engineer working for a company that specializes in unique structures.

Education

Colorado School of Mines: Golden, CO

- **Master of Science Civil Engineering** **Spring 2016**
3.65 Cumulative GPA
- **Bachelor of Science Civil Engineering** **Fall 2014**

Redstone College: Broomfield CO

- **Associate of Science Construction Management** **Fall 2009**

Experience

Colorado School of Mines Concrete Canoe Team: Construction Manager **2013-2014**

- * During the course of this project our team had to not only design a non-traditional canoe, but had to execute the construction and testing as well.
- * Extensive two semester project in which a team of 8 members had to overcome design challenges including the design of a concrete mix to have a density less than that of water.
- * This multidisciplinary engineering competition required our team to quantify complex calculations as a result of our non-isometric hull geometry.
- * Our competitive design ranked 4th overall at the 2014 ASCE regional competition.

S₂M Construction Inc.: Intern **Summer**

- * Assisted in office operations such as material takeoffs.
- * Participated in concrete preparation and casting operations including flatwork and structural members.
- * Extensive flatwork experience including slab on structural deck and slab on grade.
- * Casting of extra thick concrete slabs that require monitoring of temperature gradients as a result of heat of hydration.
- * Project specific state of the art radiation treatment facilities containing lead embed plates.

FCI Constructors Inc.: Assistant Carpenter **2008-2009**

- * Worked as a full time employee while also attaining my degree in construction management.
- * On site construction responsibilities such as site repair and assorted carpentry duties.
- * Document handling responsibilities including site safety reports, RFI's, and ASP's.

Skills and Coursework

- * Winner of the 2014 Broader Impacts Essay Competition
 - * This competition was comprised of 273 seniors at the Colorado School of Mines where we had to submit an essay discussing how engineers influence behavior through design.
- * Use of surveying instruments such as total stations, theodolites, etc.
- * Focus on reinforced concrete and structural steel design
- * Familiarity with design standards and construction specifications
- * Experimental stress analysis
- * Knowledge of geotechnical testing procedures
- * Have current OSHA 30 hour safety certification

Software Proficiencies

Expert User

- * Microsoft Suite
- * MathCAD

Power User

- * RISA 3D
- * SolidWorks

Some Experience

- * Revit
- * AutoCAD