

# Audrianna Medellin

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Current Address: 4172 Charleston Dr Colorado Springs, CO 80916

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- Fast learner with the ability to incorporate into everyday activities • Strong communicator in a variety of media to include public speaking • Quick learner • Great people person • Highly Proficient in Microsoft Word, Excel, and PowerPoint • Highly Proficient in Solid Works • Mathematica • Proficient in C++ • Geometric Dimensioning & Tolerancing

## Objective

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I am a mechanical engineer that excels in dynamic environments that require strong analytical thinking and dependable execution. I am a fast learner, strong communicator and a great people person seeking an opportunity for a full time position.

## Education

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- 8/11– Present      **Colorado School of Mines**
- Major: Mechanical Engineering (Graduation date May 2015)
  - Honor Roll: 2012, 2013 Deans List: 2015; Major GPA 3.45 & Cumulative GPA 3.16

## Engineering Experience

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### Senior Design

- Steel Bridge Competition Team: Apply coursework to design a competitive bridge for the 2015 Steel Bridge Competition.

### Manufacturing Processes

- Learned about multiple manufacturing processes including additive and subtractive manufacturing. In addition worked successfully making multiple parts using a CNC, 3D printer, and casting.

### Mechanical Field Session

- Worked successfully in the machine shop using a CNC machine, a lathe, and 3D printers. Broadened my knowledge of solidworks, data acquisition, Geometric Dimensioning & Tolerancing (GD&T), and Lab View

### Multidisciplinary Engineering Lab I & II

- Laboratory experiments integrating instrumentation, circuits, and power with computer data acquisition and sensors.

### Planetary Design Epics II

- Flexcraft: Designed Robotic Arm Manipulator for Lockheed Martin's FlexCraft and built manipulator in Solid Works.

## Work Experience

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- 5/15- Present      **Adjunct Faculty Mechanical Field Session**
- Assist running Mechanical Field Session with professors to ensure the students can learn the most through the class. Assist students in the machine shop and in the design lab to build their projects.
- 8/14- 5/15      **Design Lab**
- Work maintaining the 3D printers, laser printers, and other equipment. Also, help students use the equipment to complete their projects.
- 8/14- 5/15      **Peer Advisor**
- Assist students with general course advisement, work with CASA to help with department activities and events, and provide appropriate referrals based on students' needs.
- 8/13- 8/14      **Recondo Technology**
- Reporting and Accuracy Intern, creating reports from our database models using sql and java.

## Extracurricular Activities

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- 10/13 – Present      Order of Omega: Greek Honor Society  
8/11 – Present      Alpha Phi Sorority: Vice President of Campus Affairs, New Member Educator, Parent and Alumni Relations  
1/13- Present      Society of Hispanic Professional Engineers