Hello Uttaran,

I have had a look at your profile and think you could be a good fit for the work we need done. The project is a Arduino based sun tracker / heliostat designed to shine direct sunlight in one position for the entire day. The attached solidworks files are the preliminary design a model of which can be seen operating on the neglected project blog http://arduinobeam.blogspot.com.au/

I will be looking at hiring for a preliminary (8 hour) period to assess the candidates.

Please take a look at the files with the following goals in mind.

1. Define drive system using delrin gears rather then chain and sprocket.

2. Design base axis using readily available rollers

3. Define elevation mirror bearing

4.Produce design intended for easy construction from laser cut dxf files (ideally no custom components)

5. design for weather resistance

The current design in the models needs to be revised to include angled side supports similar to those shown in ‘Angled Side.sldpt’ this will be the first project goal.

I look forward to hearing from you and am ready to provide any clarification or sketches as needed.

Kind regards,

Jacob Gertsch

Mechatronics Engineer