

Open Source Ecology is seeking experienced 3D Designers to volunteer their services.

Specific skills needed include:

- Must be willing to work openly, i.e. you are agreeing that any intellectual property that you generate during your employment with OSE becomes property of OSE - which will be placed under an open license - where we publish our blueprints and business plans openly for the benefit of all humankind
- Experience or education in 3D design, mechanical engineering or related field preferred but not required
- Familiarity or willingness to learn Sketchup (free CAD program)
- 3D software design and drafting experience, including design work
- Experience or willingness to learn wiki documentation
- Understanding of design intent and utilization of CAD modeling best practices

Volunteer responsibilities:

- Utilize product concept, product requirements and/or specifications to develop 3D designs
- Responsible for solid modeling and drawing creation utilizing Sketchup or other CAD program
- Perform quality assurance analysis on 3D designs to include range of motion analysis
- Identify design risks that may impact cost, schedule or performance of product development
- Work closely with Engineers as well as other Designers to achieve project goals
- Develop mechanical designs and documentation in support of complex plastic, steel, and/or other components as well as assemblies
- Analyze designs and identify potential complex fabrication steps to documenters
- Document work in a personal work log on the organization's wiki

Please contact OSE's Technical Community Manager, Audrey Rampone at TechCommunity@opensourceecology.org for more information about this opportunity.