

## + Employment

- 2008 – Present

**Design Lead/Manager**  
**Transco Products**

  - Design Manager of 13 employees, oversees evaluation, training, development and hiring.
  - Designs and develops company products using SolidWorks 2012/2014; Includes metal reflective insulation and safety water filters for nuclear power plants.
  - Design Lead on dozens of unique projects, overseeing the schedule, accuracy, client specification, staff and overall design of products. Ranging from small \$1,000 1-day projects to \$1 million multi-year projects.
  - Responsible for the accuracy, quality, and style of company drawings, and creating client, manufacturing, and installation drawings.
  
- 2007 – 2008









**SolidWorks Teaching Assistant**  
**University of Illinois**

  - Assisted junior industrial design students in SolidWorks, helped with development of projects.
  
- 2006 – 2007

**Art Foundations Student Teacher**  
**University of Illinois**

  - Assisted freshman art students with the construction of prototypes; oversaw student safety on woodworking and shop equipment.

## + Software

SolidWorks	
SigmaNest	
Microsoft Office	
InDesign	
Photoshop	
Illustrator	
MeshCAM	
CNC USB	

## + Education

**University of Illinois**  
Urbana/Champaign, IL

**BFA Industrial Design**  
Course concentration: human centered design, architecture, and model making

## + Achievements

### Business Innovation Services at University of Illinois

- Train the Trainer
- Root Cause Analysis
- Supervisory Skills

### SolidWorks Certification and Achievements

- CSWP - Certified SolidWorks Specialist
- CSWP Surfacing - Certified SolidWorks Surfacing Specialist
- Experienced in Sheet Metal, weldments, drafting, configurations

### Hobbies & Accomplishments

- Hobby builder, including CNC operations and home remodeling
- World Bicycle Relief IDSA Trailer Design competition
- Published author on Frank Lloyd Wright in student compilation book
- Winner of KitchenAid student design competition
- Learned to blow glass

### Freelance Jobs

- Snap-on Tools - concept development for power tools
- Make More - SolidWorks model design for potential artist tool