

# rachel mannella

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## SKILLS

### Technical

Machining (Eng. Processes)  
Manufacturing (GMP)  
Matlab  
Microsoft Office Suite  
Siemens NX CAD  
Solidworks

### Design

Adobe Illustrator  
Adobe InDesign  
Adobe Photoshop

## LEADERSHIP & AFFILIATIONS

### Class of 2016 Council

Lead Designer  
2013-Present

### Grand Marshall Week Committee

Communications Team  
2014-Present

### TALKS Committee

2014-Present

### Design for America

RPI Chapter  
Founding Member  
2013-2014

### Emerging Leaders Program

2013

### Design and Arts Housing

President  
2012-2014

### Re:Design

Fundraising Chairperson  
2012-2014

### Women's Mentor Program

Mentor  
2012-2014

## EDUCATION

### Rensselaer Polytechnic Institute

Troy, NY | May 2016 | GPA: 3.75/4.0  
B.S. | Design, Innovation, & Society  
| Mechanical Engineering

Dean's List, Rensselaer Leadership Award, Rensselaer Recognition Award, Pi Tau Sigma Honor Society

### Randolph High School

Randolph, New Jersey | June 2012 | GPA: 3.8/4.0  
Award in Technology Achievement, National Honor Society, Science National Honor Society, National Art Honor Society, Varsity Fencing

## RELATED EXPERIENCE

### Creative Advisor

Worldwide Holdings and Logistics | Elizabeth, NJ | 2012-2014  
Supervised the continued development of an industry specific asset management system. Included interaction with software engineers and design of user and administrative interfaces with emphasis on increasing efficacy without increasing user complexity. Created sales materials to seamlessly present the software's power, ability, and simplicity.

### Kübu

Product Design and Innovation Studio Three | Fall 2013  
Designed interactive modular furniture with a strong emphasis on user experience. Inspired by building forts as a child, Kübu was created specifically for childrens' imaginative minds.

### Design and Social Media Team

Rensselaer Office of Student Experience | 2013-Present  
Collaborated with the Dean of Student Retention and Success to create dynamic content for social media targeted toward the incoming freshman. Designed orientation material including posters, t-shirts, and documents.

## ADDITIONAL EXPERIENCE

### Business Operations Intern

The Arts Center of the Capital Region | Troy, NY | Fall 2013  
Assisted with daily tasks including updating the website, collecting MSDS for ten studios, preparing for board meetings, and setting up for special events.

### Snowboard Instructor

Windham Mountain Resort | Windham, NY | 2008-Present  
Professional Ski Instructors of America Level One Certification

### Executive Assistant

MVN Associates, Inc. | Elizabeth, NJ | 2011-2012  
Responsible for conversion to electronic document archiving and assisted the Chief Financial Officer with daily tasks.