



RACHEL MANNELLA
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PORTFOLIO
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EDUCATION

Rensselaer Polytechnic Institute Troy, NY | May 2016 | GPA: 3.79/4.0
B.S. Design, Innovation, & Society and Mechanical Engineering
Dean's List | Rensselaer Leadership Award | Rensselaer Recognition Award
Pi Tau Sigma Honor Society | Tau Beta Pi Honor Society
Study Abroad: Technical University of Denmark | Fall 2014
Nanyang Technological University | Spring 2015

TECHNICAL
SKILLS

Adobe Creative Suite
Bluebeam Revu
Creo CAD (ProE)
Design Thinking
Basic HTML/CSS
Keyshot
Machining
Matlab
R Programming
Siemens NX CAD
Solidworks

EXPERIENCE

Project Management Intern

JDS Development Group | New York, NY | Summer 2015
Participated in the construction of multi-million dollar condo project in Midtown Manhattan. Collaborated daily with director of mechanical systems. Compiled requests for information and submittals, conducted take-offs, coordinated with contractors and engineers, and tracked progress of the project.

Engineering Design Intern

MVN Associates, Inc. | Elizabeth, NJ | Summer 2014
Designed and presented an upgraded entrance system into New York City's largest combined cycle power plant. Integrated the design with consideration of surrounding structures and Power Plant Security Protocols, including access control for both vehicles and personnel. Designed lighting and landscaping features.

DESIGN THINKING
SKILLS

Ideation
Mind Mapping
Persona Creation
Presenting
User Research
User Testing
Visualization

Project Management Intern

Worldwide Holdings and Logistics | Elizabeth, NJ | Summer 2012-2013
Supervised the continued development of an industry specific asset management system. Interacted with software engineers and designed user and administrative interfaces with emphasis on increasing efficiency without increasing user complexity. Created sales materials to seamlessly present the software's power, ability, and simplicity.

Design and Social Media Team Member

Rensselaer Office of Student Experience | Winter-Spring 2014
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.

CONSTRUCTION
CERTIFICATIONS

OSHA-10
NYC DOB 4-hour Scaffolding

Business Operations Intern

The Arts Center of the Capital Region | Troy, NY | Fall 2013
Assisted with daily tasks including updating the website, collecting material safety data sheets (MSDS), preparing for board meetings, and preparing for special events.

LEADERSHIP & AFFILIATIONS

Lead Designer

Class of 2016 Council
Fall 2013-Present

Teaching Assistant

Product Design and Innovation Studio
Fall 2015

Founding Member

Design for America: RPI Chapter
Fall 2013-Spring 2014

President

Design and Arts Housing
Fall 2012-Spring 2014

Communications & Design Team

Grand Marshal Week Committee
Spring 2014

Selected Participant

Emerging Leaders Program
Spring 2013