



RACHEL MANNELLA

mannella.r@gmail.com
rachelmannella.com
973.713.3084
9 Jodilee Lane, Randolph, NJ

TECHNICAL SKILLS

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

DESIGN THINKING SKILLS

Ideation
Mind Mapping
Persona Creation
Presenting
User Research
User Testing
Visualization

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

Coursework: Inventor's Studio | Senior Project | Accounting | Managerial Finance |
Advanced Design Methods | Typography | General Manufacturing Processes | Product
Design Studios 1-6

Study Abroad

Technical University of Denmark | Fall 2014

Nanyang Technological University | Spring 2015

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 Team Member

Grand Marshal Week Committee

Spring 2014

Change the World Challenge Winner

Entrepreneurship Competition

Spring 2016

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.

Construction Certifications: OSHA-10 | NYC DOB 4-hour Scaffolding

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.

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.

PORTFOLIO

rachelmannella.com