

REBECCA RAHA RADPARVAR

EDUCATION

Mechanical Engineering & Design, Innovation, and Society, B.S.
Rensselaer Polytechnic Institute | Troy, New York | December 2015
GPA: 3.46/4.0 | Dean's List All Semesters

RELEVANT COURSEWORK

Design Studios I to VI | Design, Culture, & Society | Typography | Engineering
Graphics & CAD | General Manufacturing Processes | Media Literacy

WORK EXPERIENCE

Global Product Acquisition Intern | Hasbro, Inc.

Providence, Rhode Island | January 2015 to June 2015

Responsible in aiding the Global Product Acquisition team in the harvest and development of external innovation.

- Spearheaded user journey mapping of a current data management process and the brainstorming of a new process.
- Worked with outside vendors to manage the conception and creation of web-based tools and physical product.
- Lead brainstorming activities to find new areas of innovation for Hasbro.
- Conceptualized, designed, and prototyped new possible toy designs.

Learning Assistant & Coordinator (d.arts) | Rensselaer Residence Life

Troy, New York | January 2014 to December 2014

Live-in Residence Life staff member responsible for assisting first-year students in becoming active, independent, and successful learners and facilitating design and arts programming. Additionally responsible for training, transitioning, and assisting all Learning Assistant staff and updating all staff procedure and presentation materials.

THINKmanagement Content Strategist & Creator | IBM

New York, New York | June 2013 to December 2014

Graphic/animation creator and social media intern for internal management website. Supported in journey-mapping for new internal applications and brainstorming for application features.

ACTIVITIES & LEADERSHIP

Teaching Assistant | Product Design Innovation: Studio I | Fall 2014 and Fall 2015

Design Thinking for Youth | Design for America | January 2015 to June 2015

General Project Manager | Design for America | August 2013 to December 2015

Meeting Coordinator | Photography Club | September 2011 to December 2015

Mentor | Women's Mentor Program | August 2011 to December 2015

Project Manager | Re:Design Initiative | September 2011 to March 2014

AWARDS & ACHIEVEMENTS

Published Photography | Programming EMPAC: The First 4,158 Days

Who's Who Among Students | Rensselaer Polytechnic Institute

Pi Tau Sigma Honor Society | Rensselaer Polytechnic Institute

Published Photography | Rensselaer Magazine

"Young Artists" Exhibit | Katonah Museum of Art

SKILLS

Languages English & Farsi

Design Design Thinking Practices & Workshops | Ideation | User Research | Rapid Prototyping | User Testing | Persona Creation

Technical Adobe Creative Suite | Microsoft Office Suite | Siemens NX CAD

Photography 35MM Film Photography | Digital Photography

Theatrical Production Management | Stage Management

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Dean's List: All Semesters

The Design, Innovation, and Society Program at Rensselaer, in conjunction with my dual-degree in Mechanical Engineering, has allowed me to curate a set of skills that perfectly position me at the intersection of engineering and design. These skills have provided me the framework to properly conceptualize, design, and execute products and systems that thoroughly meet user needs. Furthermore, the multidisciplinary nature of the DIS program enables me to collaborate prolifically with team members with diverse expertise and skills.

Additionally, the DIS program's positioning in Rensselaer's Science and Technology Studies department ensures that user's experiences are held at a paramount, yet all real life constraints are maintained. This has empowered me with the all of the necessary tools to analyze, synthesize, and design products and systems that exceed user's needs.

These facets of program have enabled me to work on a breadth of projects from a reimagined football helmet, to interactive software aimed at teaching healthy eating habits, to the design of an in-residence hall design and arts themed housing proposal and its respective space.

ADDITIONAL RELEVANT COURSEWORK

Design Studios I to VI | Design, Culture, & Society | Typography | Engineering Graphics & CAD | General Manufacturing Processes | Media Literacy | Design Mentoring I & II | Inventor's Studio

WORK EXPERIENCE

Teaching Assistant: Product Design Innovation Studio I

August 2014 to December 2015

Rensselaer Polytechnic Institute | Troy, New York

Teaching Assistant for first year Design, Innovation, and Society Studio Course. Responsible for planning and facilitating in-class activities, and acting as a liaison between students and course instructors.

- Responsible for getting to know all first-year students on a one-on-one basis.
- Organized and executed Design Thinking workshops and de-brief sessions, Adobe Creative Suite workshops, and presentation techniques workshops with students.
- Held after-hour office hours to aid students in their project scoping, prototyping, presentation skills, and one-on-one Adobe Creative Suite education.

Global Product Acquisition Intern

January 2015 to June 2015

Hasbro | Providence, Rhode Island

Intern for the Global Product Acquisition team, responsible for harvesting and developing external innovation.

- Spearheaded user journey mapping of a current data management process, the brainstorming of a new process, and oversaw the execution of the final design.
- Liaised with outside vendors to manage the conception and creation of web-based tools and physical product.
- Created and facilitated brainstorming activities to find new areas of innovation for Hasbro.
- Conceptualized, designed, and prototyped new toy designs.

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Learning Assistant Coordinator & Design and Arts Housing Head

June 2014 to December 2014

Rensselaer Residence Life | Troy, New York

Learning Assistant Coordinator responsible for training, transitioning, and assisting all staff with their Learning Assistant duties.

- Planned and managed weekly staff meetings and team bonding activities.
- Met weekly with Advising and Learning Assistance Professional Staff to coordinate and aid in facilitating all auxiliary ALAC programming.
- Planned and managed week-long Learning Assistant training.
- Responsible for hiring and re-hiring of Learning Assistant staff and disciplinary action when necessary.
- Conducted peer evaluations and one-on-one reviews with all Learning Assistant staff.
- Updated all Learning Assistant materials and training materials for future use.

Design and Arts (d.arts) Housing Head responsible for facilitating and conducting design and arts related programming, in addition to Learning Assistant duties.

- Developed programming to efficiently bridge the academic and design related gaps in the Rensselaer community.
- Conducted creative thinking and art-based workshops.
- Facilitated cross-programming with Rensselaer Design and Arts related clubs to connect students to other similar communities on campus.

Learning Assistant

January 2014 to June 2014

Rensselaer Residence Life | Troy, New York

Residence Life Staff Member responsible for assisting first-year students in becoming active, independent and successful learners.

- Conceptualized, planned, and executed multiple in-residence hall programs focused on academics, as well as additional social hall programming.
- Held office hours and in-residence hall programming to provide guidance and counseling on course selection, school-life balance, study skills, and other educational and personal development areas.
- Guided students in the creation of resumes, job searches, and connected students with on campus professional resources.

Content Strategist & Creator

June 2013 to December 2014

IBM | New York, New York

Graphic, animation, and strategic content creator for internal management applications.

- Worked under Agile methodology as part of a content and development team to create assets for internal management and learning platforms.
- Responsible for still and motion graphic creation and flash video creation.
- Orchestrated social media campaign and acted as social media liaison.
- Participated in the creation of a platform's mission statement, persona creation, and user journey mapping to grow and strengthen the already existing infrastructure.

Photographer

February 2012 to June 2012

The Curtis R. Priem Experimental Media and Performing Arts | Troy, New York

Exhibition and live installment photographer responsible for photographing a breadth of theatrical events.

- Coordinated all pre-planning with artists and theater curators to ensure live photography without compromising audience experience.
- Executed all post-production processing for quick publishing internally and externally.

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ACTIVITIES & LEADERSHIP

Founder & Coordinator

July 2014 to December 2015

DIS Mentor Program | Rensselaer Polytechnic Institute

Founder of an in-major mentor program to connect first year Design, Innovation, and Society students with upperclassmen DIS students to aid the adjustment into RPI and DIS, strengthen cross-year bonds, and expand educational and professional opportunities.

- Responsible for coordinating, advertising, and increasing involvement.
- Created all program materials and pass-over documents for future program coordinators.
- Matched all mentees with upperclassmen peers within the program based on dual major, extra-curricular interests, career aspirations, and personality.
- Responsible for ensuring all mentee and mentor matches have a positive experience and re-matching mentees when necessary.
- Coordinated in-major activities to increase involvement in additional all DIS initiatives.

Design Thinking for Kids: Team Member

January 2015 to May 2015

Design for America | Brown University

Team Member on the "Design Thinking for Kids" project. Created Educational Design Thinking programming for a variety of ages for students in the Providence Area, with the intention of exciting students' interest in "non-traditional" fields and careers, and to expand students' creative and critically thinking abilities.

- Participated in all steps of the Design for America Design Thinking Process (Identify, Immerse, Reframe, Ideate, Build, Test) over a five month period.
- Researched Educational Models and Design Thinking Education.
- Collaborated with Providence-based educational initiatives to user test and execute Design Thinking educational plans.
- Packaged all research and content created in order to effectively pass over project materials to incoming Design for America teams.

General Project Manager

August 2013 to December 2015

Design for America | Rensselaer Polytechnic Institute

Club Project Manager responsible for facilitating, coordinating, and managing all club activities and initiatives.

- Collaborated in the successful application process to Design for America National.
- Responsible for strengthening recruitment and retention with Rensselaer Chapter.
- Facilitated cross-programming with other on-campus design initiatives.

Meeting Coordinator

September 2011 to December 2015

Photography Club | Rensselaer Polytechnic Institute

Board member responsible for organizing and facilitating all club meetings for the academic year.

- Held office hours in Photography Club darkroom to teach and aid peers in 35 MM film development and printing.
- Spearheaded and facilitated a complete reorganization of Photography Club's Board of Officers structure and club meeting structure to increase member engagement and create more valuable co-learning experiences.
- Organized on- and off-campus photography opportunities outside of meeting scope to allow non-studio photography experiences and learning opportunities.
- Created all digital and physical advertising materials for Photography Club.

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Project Manager

September 2011 to March 2014

Re:Design Initiative | Rensselaer Polytechnic Institute

Coordinator for a student run scholarship initiative designed to increase enrollment in the Design, Innovation, and Society program.

- Responsible for planning and compiling problem statement and resources for applicants.
- Responsible for planning and compiling a problem statement and resources to enable applicants to answer a problem statement with a design solution.
- Planned and executed all recipient reward ceremony details.
- Spearheaded scholarship fundraisers and coordinated with Rensselaer's Admissions Office to execute internal and external marketing efforts.

Assistant Stage Manager

September 2011 to November 2011

RPI Players | Rensselaer Polytechnic Institute

Stage Manager responsible for planning and facilitating all readings, rehearsals, team bonding activities, and shows.

- Liaison between Director, Cast, and Crew throughout production and show duration.
- Supervised and supported all stage building plans to ensure cohesive planning between the cast and crew.
- Coordinated with costume and prop crews to ensure all additions fit seamlessly into the production.
- Orchestrated all technical lightning, back stage, box office, and front of house efforts from the opening of doors and throughout the duration of the show.
- Responsible for responding to during-show medical emergencies while ensuring the seamless continuation of the current act and scene.

AWARDS & ACHIEVEMENTS

Published Photography Programming EMPAC: The First 4,158 Days	September 2015
Who's Who Among Students Rensselaer Polytechnic Institute	February 2015
Pi Tau Sigma Honor Society Rensselaer Polytechnic Institute	November 2013
Published Photography Rensselaer Alumni Magazine	March 2012
Gilded Lily for Outstanding Performance Rensselaer Polytechnic Institute	November 2011
"Young Artists" Exhibit Katonah Museum of Art	March 2011