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RPI- Polytechnic  
1999 Burdett Ave  
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## EDUCATION

Rensselaer Polytechnic Institute

Dual Major: Computer Science and  
Design Innovation & Society

Expected Graduation: 2017

GPA: 3.48

## TECHNICAL SKILLS

C++	GitHub
Python	Adobe Illustrator
HTML/CSS	Adobe Photoshop
JavaScript	Microsoft Office
JSON	Jira
Java	

## AWARDS

Dean's List

Certification of Appreciation  
from RPI CS Department

Who's Who Among  
Students in American  
Universities & Colleges honor

# Sarah Schattschneider

## WORK EXPERIENCE

**Software Developer Intern** Time Inc.

**June 2015 - August 2015**

- Revenue & Data Engineering, worked in an agile environment to co-develop the Digital Asset Management system for the Customer Service Portal; created JSON schemas and catalogs from metadata specified by cross-departmental teams.
- Implemented and designed a responsive web application for the user to update JSON catalogs. It dynamically generates input forms based on selected JSON schemas.
- Designed the Data Architecture of the system.
- Implemented clickable prototypes for the GUI while conceptualizing.

**Rensselaer Center for Open Source Software (RCOS)**

**Jan 2015 - Dec 2015**

- Contributed to *Sign Me Up*, a website to help volunteers sign up more easily at the soup kitchen. Coded in Angular JavaScript and HTML.

**RCOS Mentor**

**Jan 2016 - May 2016**

- Mentored five open source groups and assisted with front-end design.

**Intern with Improve, LLC** Chappaqua, NY

**May - June 2013**

- Researched and surveyed high school student body about 21st century learning modalities to improve learning spaces.

**Library Re-Design Project** RPI

**Jan 2014 - Apr 2016**

- Redesigned the basement of the RPI Folsom library to encourage student collaboration. Iterated design based on student feedback. Received funding through campus capital improvement portfolio.

**Chappaqua Summer Scholarship Program**

**Summer 2012 - 2014**

Teaching Assistant - Introduction to Computer Science

- Taught twenty New York City high school students to use Scratch and program Boe-Bots robots to complete mazes using a variety of sensors.

## COMPUTER SCIENCE LEADERSHIP ACTIVITIES

**Computer Science Club at RPI, President**

**April 2014 - present**

- Creating a strong sense of community within the CS department with weekly meetings. Run professional development workshops and coordinate presentations from outside companies on campus.

**Undergraduate Recruitment Committee** CS Department **March 2014 - present**

- Organize women in CS panel for prospective students.

**Undergraduate Curriculum Committee** CS Department

**Feb 2015- May 2015**

- Commented on proposed changes to the introductory CS courses.

## RELATED EXPERIENCE

**Upsilon Pi Epsilon** Honors Society for Computing

**Nov 2015 - present**

**ACM-W at RPI**

**Feb 2015 - present**

- Member of the ACM-W chapter at RPI, striving to recruit, engage, and rejoice in the accomplishments of female computer scientists within RPI.

**Women Mentoring Program at RPI**

**Sept 2014 - present**

- Actively mentoring two computer science freshman students.

**Exploring Engineering Day**

**Feb 2015, 2016**

- Lead workshop teaching elementary school students about optimization.

**Design for America**

**Sept 2013 - present**

- Member of a design studio whose goal is through Human-Centered Design to help the community on campus and in Troy.