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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: 3.54

TECHNICAL SKILLS

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

AWARDS

Dean's List

ABI GHC Scholarship 2016

Certification of Appreciation
from RPI CS Department

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

Sarah Schattschneider

WORK EXPERIENCE

Software Developer Intern Pinterest **June 2016 - present**

- *Data Engineering*, designed the Data Architecture and implemented the system to run the open source solution to connect the database to Kafka. Set up monitoring, testing, and alerts for the real-time streaming system that interacts with 64 replica sets in a database. Collaborated with teams to create an efficient scalable solution.

Software Developer Intern Time Inc. **June 2015 - August 2015**

- *Revenue & Data Engineering*, 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.

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.

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.

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.

COMPUTER SCIENCE LEADERSHIP ACTIVITIES

Computer Science Club at RPI, President **April 2014 - May 2016**

- 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.