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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.