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RPI- City Station  
1999 Burdett Ave  
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## EDUCATION

Rensselaer Polytechnic Institute

Dual Major:  
Computer Science and  
Design Innovation & Society

Expected Graduation: May 2017

GPA: 3.54

## TECHNICAL SKILLS

C++	Github
Python	Adobe Illustrator
HTML/CSS	Adobe Photoshop
JavaScript	Microsoft Office
mySQL	Kafka
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

## EXPERIENCE

**Software Developer Intern** Pinterest

June 2016 - present

- *Data Engineering*
- Designed and implemented an incremental database ingesting system to bring mySQL changes to Kafka in a streaming fashion
- It's a distributed system designed to pull 100TB of data
- Set up monitoring, testing, and alerts for the real-time streaming system that interacts with 64 replica sets in a database
- Contributed functionality to the open source project Maxwell (mySQL/Kafka bridge)
- Collaborated with teams to create an efficient scalable solution

**Software Developer Intern** Time Inc.

June 2015 - August 2015

- *Revenue & Data Engineering*
- Co-developed 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

**Member** Rensselaer Center for Open Source Software

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.

**Mentor** RCOS

Jan 2016 - present

- 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

**Teaching Assistant** Chappaqua Summer Scholarship Program

Jun 2012 - 2014

- Taught 20 New York City high school students to use Scratch and program Boe-Bot robots to complete mazes using a variety of sensors

**Intern** Improve, LLC

May - June 2013

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

## LEADERSHIP

**President** Computer Science Club

April 2014 - May 2016

- Created a strong sense of community within the CS department through weekly meetings, workshops and presentations
- Ran professional development workshops and coordinated technical talks from companies on campus

**Member** Computer Science Department Committees

March 2014 - present

- *Undergraduate recruitment Committee*- Organized women in CS panel for prospective students & talked to high school students about the CS program at RPI
- *Undergraduate Curriculum Committee*- Commented on proposed changes to the introductory CS courses

## RELATED

**Member** Upsilon Pi Epsilon Honors Society for Computing

Nov 2015 - present

**Member** ACM-W at RPI

Feb 2015 - present

- Recruit, engage, and celebrate the accomplishments of female CS students at RPI

**Mentor** Women Mentoring Program at RPI

Sept 2014 - present

- Actively mentoring two computer science freshman students

**Volunteer Leader** Exploring Engineering Day

Feb 2015, 2016

- Led workshop that taught elementary school students about optimization

**Member** Design for America

Sept 2013 - present

- Design studio that helps the community through Human-Centered Design