School Address:
City Station West #205
1999 Burdett Avenue
Troy, NY 12180

Samantha L. Katcher
Katchs2@rpi.edu
978-460-3593

Home Address:
16 Lands End Lane
Sudbury, MA 01776

EDUCATION

Rensselaer Polytechnic Institute (RPI), Troy, NY — Projected Graduation: May 2019 — Current GPA: 3.29

Information Technology & Web Science, Bachelors of Science
Cognitive Science, Bachelors of Science
Science and Technology Studies, Minor
Dean's Honor List: Spring 2018

WORK EXPERIENCE

United States Government – *Digital Innovation Analyst Intern,* Washington, DC — June–August 2018
- Applied technical expertise to analyze cyber information
- Developed specialized methodologies and digital tools to plan, initiate, and support a variety of strategical and tactical efforts
- Applied advanced hardware and software techniques to find key relationships between variables in large datasets

Johnson & Johnson – *Data Analytics Intern*, Providence, RI — June–August 2017
- Enhanced a self-service forecasting analytic web application by redesigning and implementing the front end development to provide a robust, point-and-click resource
- Wrote and analyzed results and trends from a natural language processing project using DBSCAN
- Developed and implemented version control workflow for Advanced Analytics department

Camp Sewataro – *Camp Counselor/ Data Entry/ Lifeguard*, Sudbury, MA — 2013–2017
Lincoln-Sudbury Communications Department – *Lighting/Sound Technician* Sudbury, MA — 2013–2017

SKILLS

- Extensive work in teams for multiple course projects, including IT solutions for peers, clients, and web design
- Project management experience for a collaboration between a student development team and startup client
- Strong capabilities in professional writing for technical documentation, scientific papers, and research
- Experience in Python, HTML5/CSS3, SQL, JSON, XML, R, C++, C, JavaScript, MEAN Stack

RESEARCH

Critical Data Mapping — February–May 2016
- Research in the Science and Technology Studies department that examines the history of the open data movement in Boston, investigating how data is collected and made available on the internet portal
- Data inputted into QGIS software to visualize and create maps
- Draw conclusions around the discourse of big data and how institutions, cultures, and technologies shape information landscapes

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

Rensselaer Leadership Award Scholarship — 2015–Present
ITWS Leadership Board, *Vice President, Past: Class of 2019* Representative — 2016–Present
- Meets regularly with the faculty and staff of ITWS to discuss enhancements to the program
- Representative at admissions events for incoming students

The National Society of Leadership and Success, *Member* — 2018–Present
Ballroom Dancing Team, *Webmaster, Past: Team Captain and Social Chair* — 2015–Present
- Updates and maintains RPI Ballroom website and social media presence
- Planed five weekly lessons with coaches of various levels and registered team for competitions
- Organized a monthly, public ballroom lesson and social dance open to the RPI community
- Coordinator for freshman orientation day trip dance workshops

Information Technology and Web Science Mentoring Program, *Mentor* — 2016–Present
Women's Mentoring Program at Rensselaer, *Mentor and "Women @ Rensselaer" Panelist* — 2016–Present
She++ #include Fellowship, *Virtual Mentor* — 2016–2017