Winona Schroeer-Smith   https://wolfizen.net/   wolfizen@wolfizen.net
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Work Experience

2018, Research Intern, Tetherless World Constellation
Dr. Peter Fox, TWC Chair – pfox@rpi.edu
- Work with the Deep Carbon Observatory project to implement data citation recommendations published by the Research Data Alliance.
- Develop the DCO's main offering, a data portal for indexing community datasets.
- Analyze global implications of our implementation strategy and publish novel or significant findings arising from our research.
- *Relevant software libraries and languages:* VIVO, CKAN, Java, Python, R

2017 to current, Undergraduate TA, Rensselaer Computer Science department
Buster Holzbauer, Professor of Computer Science – holzbh@cs.rpi.edu
Barbara Cutler, Professor of Computer Science – cutler@cs.rpi.edu
- Grade and proctor student exams, lab sections, and homeworks.
- Assist students in troubleshooting homework solutions and configuring their development environment, during assigned office hours.
- *Courses:* CSCI-1200 Data Structures: C++, CSCI-1100 Computer Science I: Python

2017, Software Engineering Intern, Percipient Networks
Stephen DiCato, Co-Founder and VP of Engineering – stephen@strongarm.io
- Helped design, develop, and implement the main product offering, Strongarm, as well as creating new products and services.
- Opened pull requests, participated in code review and discussion, addressed feedback.
- Worked on remote production systems to deploy, debug, and operate Strongarm services.
- Participated in business operation discussions to decide product goals and features.
- *Relevant software libraries and languages:* Django, Python, Lua

2015 to 2016, Software Developer and IT Consultant, private practice
- Worked with clients remotely over the telephone to perform basic troubleshooting.
- Provided remote and on-site technical support such as hardware and software installation, virus removal, and general computer usage instruction.

Education and Leadership

2016 to 2020, Rensselaer Polytechnic Institute
- Enrolled full-time towards a 4-year degree in Computer Science, expected graduation in May 2020.
- Technical Director for a student-run convention on campus, Genericon
- Volunteer for a student-run maker space (3D printers, laser cutters, etc.)

Relevant Skills Summary

- Proficient in: Java, Python, C. Adequate in: C++, JavaScript, Lua, HTML/CSS, Scripting.
- Experience managing Linux systems, namely dedicated servers and personal computers.
- Experience creating standard web applications using client and/or server programming.
- Familiar with diagnosing and deploying computer networks (routers, switches, etc), completed Cisco CCNA Routing & Switching coursework.