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<u>Work Experience</u>

2019, Software Engineer Intern, Facebook
Zane Urbanski, Intern Manager – zaneu@fb.com
- Designed and implemented a logging framework for our team's code platform.
- Implemented various improvements to Facebook infrastructure.
- Collaborated with internal customers to design useful solutions for their use-cases.

2018, Research Intern, Tetherless World Constellation
Dr. Peter Fox, TWC Chair – pfox@rpi.edu
- Worked with the Deep Carbon Observatory project to implement data citation recommendations published by the Research Data Alliance.
- Developed the DCO's main offering, a data portal for indexing community datasets.
- Analyzed global implications of our implementation strategy and published novel 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:* Data Structures (C++), Computer Science I (Python), Operating Systems (C), Network Programming (C/C++).

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.

<u>Education and Leadership</u>

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.).

<u>Relevant Skills Summary</u>

- Proficient in: Java, Python, C, C++. Adequate in: 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.

Last updated: 2019-08-10