

< Relevant Skills Summary >

- **SOFTWARE** - General software development expertise in creating web applications, standalone services, frontend web design, and infrastructure.
- **COLLABORATION** - Owning projects and collaborating with team members to complete larger goals.
- **SYSTEMS** - Experience managing and deploying Linux systems, both dedicated servers and personal computers.
- **NETWORKS** - Familiar with diagnosing and deploying computer networks, completed Cisco CCNA Routing & Switching coursework.

Proficient Languages  
Python, Javascript, C, C++,  
HTML/CSS, Java, SQL, Hack (PHP).

Proficient Libraries and Software  
React, Django, NGINX, GraphQL.

*and more, as the job requires...*

< Work Experience >

**Facebook, Software Engineer**

**2020 to Now**

Vidhya Sriram, Manager

- Designed and implemented several internal tools with both front-end and back-end ownership.
  - Created data pipelines to continually process and transform company data for internal use-cases.
  - Collaborated with internal customers to design useful solutions for their use-cases.
- ➔ *Relevant software libraries and languages:* React, GraphQL, HTML/CSS, JavaScript, Python.

**Facebook, Software Engineering Intern**

**Summer 2019**

Zane Urbanski, Intern Manager – [zaneu@fb.com](mailto:zaneu@fb.com)

- Designed and implemented a logging framework for our team's code platform.
  - Improved the efficiency of Facebook infrastructure.
  - Collaborated with internal customers to design useful solutions for their use-cases.
- ➔ *Relevant software libraries and languages:* Boost, Apache Thrift, C++, JavaScript.

**Tetherless World Constellation, Research Intern**

**Summer 2018**

Dr. Peter Fox, TWC Chair – [pfox@rpi.edu](mailto:pfox@rpi.edu)

- Helped 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 findings arising from our research.
- ➔ *Relevant software libraries and languages:* VIVO, CKAN, Java, Python, R.

**Percipient Networks, Software Engineering Intern**

**Summer 2017**

Stephen DiCato, Co-Founder and VP of Engineering – [stephen@strongarm.io](mailto: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.
  - Deployed, debugged, and analyzed services running on production servers.
  - Participated in business operation discussions, deciding product goals and features.
- ➔ *Relevant software libraries and languages:* Django, Python, Lua.

< Education and Leadership >

**Rensselaer Polytechnic Institute**

**2016 to 2020**

- Graduated in May 2020 with a 4-year degree in Computer Science. GPA of 3.3 / 4.0.
- Paid undergraduate TA positions for low-level to high-level Computer Science courses.
- Technical Director for a student-run convention on campus, Genericon.
- Volunteer for a student-run maker space, maintaining 3D printers, laser cutters, and associated software.