



SoPark & EWH

A few years ago, a SoPark manager had the opportunity to hear a presentation by a University of Rochester engineering student who was an Engineering World Health (EWH) volunteer - www.ewh.org

Her shared experience was so moving that the SoPark manager and his wife funded the formation of an EWH Chapter at the University at Buffalo (UB).

SoPark then partnered with the UB School of Engineering to offer engineering students an opportunity to tour SoPark as well as learn some basic electronics troubleshooting and soldering skills.

The SoPark manager also provided a match of funds to cover the travel and other expenses for the first UB BioMed engineering student to be a EWH summer volunteer at a small hospital in a developing nation.

All of this transpired as the result of one U of R student sharing her EWH experience. This is just one example of how engineering students can pay it forward.

Check our website for past issues...

- Advantages of Conformal Coating
- Minority Women Owned Business
- Critical Components Management
- Offshoring - Finding the Balance
- Design for Manufacturing - DFM
- Box Builds - Going Beyond the Board
- Cables & Harnesses
- Websites
- Going Global

...or contact us

Giving Back - Engineering The Future

A critical component for the future of technology companies is the next wave of engineers and technical resources. Support for the much needed future generations is often overlooked as a strategy for corporate success.

Corporations can give back in many ways such as: support for educational institutions, internships, scholarships, startups and technically related charitable causes. Young engineers, technical personnel and students can find support from a myriad of sources. The list of links below is an example of some of the helpful resources available. You can also check in your local area for similar ideas and offerings.

- **Corporate Support** - Many corporations sponsor future engineers directly through internships or through sponsorships of engineering programs in higher education. They often provide financial support to technically related STEM programs that provide future engineers with valuable and rewarding experiences.

[Internships \(moog.com\)](http://Internships(moog.com))

Internships at Northrop Grumman - Northrop Grumman

Cobham Mission Systems, Careers, Engineering

- **Educational Support** - Higher education is a great conduit for monies and programs funded by corporations or individual donors. These colleges and universities are also a significant resource for a variety of other helpful technical pathways such as startup support and investment. The technical degrees they offer are a definite catalyst toward the opportunities of the future.

WNY Prosperity Fellowship - Blackstone Launchpad at the University at Buffalo - University at Buffalo

Cornell Tech - For Current and Prospective Students

- **Government, Community & Business Development Organizations** - many local level organizations offer grants, loans and other financial resources for fledgling projects and technical startups. For example, in New York...

[Western New York | Empire State Development \(ny.gov\)](http://Western New York | Empire State Development (ny.gov))

- **Technical Charitable Internship Opportunities** - Internships can be part of any degree program or found directly through corporations. In addition, there are many technical foundations and groups that provide great opportunities:

[Home | Engineering World Health \(ewh.org\)](http://Home | Engineering World Health (ewh.org))

[Biomedical Engineering Summer Internship Program \(BESIP\) | National Institute of Biomedical Imaging and Bioengineering \(nih.gov\)](http://Biomedical Engineering Summer Internship Program (BESIP) | National Institute of Biomedical Imaging and Bioengineering (nih.gov))

- **Start Up Support** - Young engineers typically start with technically sound ideas but often lack the financial ability to build the necessary foundation around the base idea to carry it to a viable business level. Many resources are available to help with this process at the local, government and national levels.