



# Community Service Using Computer Skills

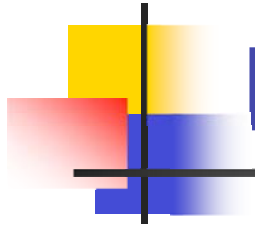
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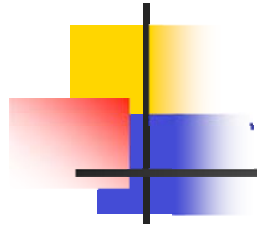
[tammy@cs.washington.edu](mailto:tammy@cs.washington.edu)



# Messages

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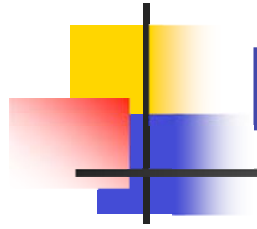
- Volunteering benefits you
- Finding volunteer opportunities is easy (if you know where to look)
- Volunteering can take place at work, at home, or abroad
- Everyone has a volunteering story to share



# Introductions

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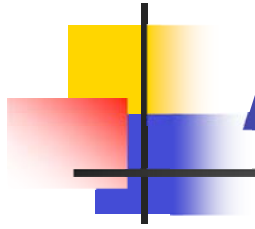
- Name
- Gustavus class
- Current status
- Most recent volunteer position
  - Either CS related or other



# How volunteering benefits you

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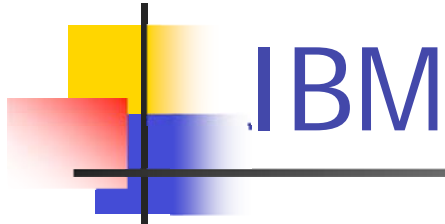
- Learn new skills
- Polish up rusty skills
- Keep skills current while not in the paid workforce
- Network
- Help a cause you believe in
- Improve work/life satisfaction
- Travel



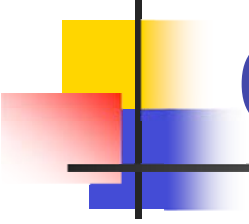
# At Work

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- Often provide paid time off for employees to volunteer
  - Ex: Toro Company gives employees 20 hours of paid volunteer time yearly
  - Some have offered sabbaticals to employees
- Dollars for Doers program
  - Corporations award grants to qualified non-profits organizations based on hours volunteered by employees
- National e-Week



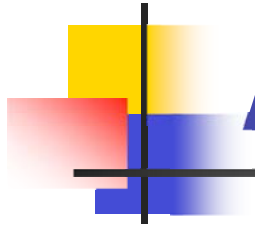
- National Engineers Week (eWeek)
  - Science fair judge, classroom experiment leader
  - 'Introduce a Girl to Engineering' week
  - [www.eweek.org](http://www.eweek.org)
- Exploring Interest in Technology and Engineering (EXCITE) Camp
  - All girls camp, hands on technology education
- MentorPlace
  - Online academic assistance, information about careers in technology
  - [www.mentorplace.org](http://www.mentorplace.org)



# Where to look for Corporate Opportunities

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- [www.eweek.org](http://www.eweek.org)
  - February 20-26, 2005
- Human resources department
- Community relations department
- Volunteer Council
- Company website may list local opportunities



# At School

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- Engineering Projects for Community Service (EPICS) at Purdue University
  - [epics.ecn.purdue.edu](http://epics.ecn.purdue.edu)
- Institute for Women in Technology Virtual Development Center (IWT VDC) at University of Washington
  - [courses.washington.edu/engr100h/qna.html](http://courses.washington.edu/engr100h/qna.html)





## At School cont.

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- University of Washington sponsors an open house for k-12 students to explore engineering professions
  - [www.outreach.washington.edu](http://www.outreach.washington.edu)
- University of Colorado Science Outreach
  - [ecadw.colorado.edu/engineering/outreach/index.htm](http://ecadw.colorado.edu/engineering/outreach/index.htm)
- Gustavus Adolphus College
  - [www.gustavus.edu/oncampus/communityservice/index.cfm](http://www.gustavus.edu/oncampus/communityservice/index.cfm)



# At Your Kid's School

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- MathCounts
  - Coaching and competition program for middle school students nationwide
  - [www.mathcounts.org](http://www.mathcounts.org)
- Tech Corps
  - Mobilize tech volunteers into schools to offer tech support and teacher training for K-12 schools
  - [www.techcorps.org](http://www.techcorps.org)



## At Your Kid's School cont.

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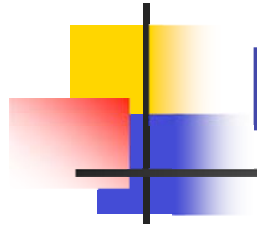
- For Inspiration and Recognition of Science and Technology (FIRST)
  - Inspires in young people, their schools and communities an appreciation of science and technology and how mastering these can enrich the lives of all
  - FIRST Robotics Competition
  - FIRST Lego League
  - [www.usfirst.org](http://www.usfirst.org)



# In Your Community

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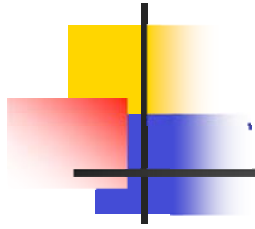
- Senior Center
  - Help seniors learn to send and receive email, use Word, and surf the internet
- Church
  - Maintain website
- Science museum
  - Lead demonstrations
- Library
- Community Computer Labs



# Find a Local Opportunity

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- [www.volunteermatch.org](http://www.volunteermatch.org)
- [www.npower.org](http://www.npower.org)
- [www.volunteertwincities.org](http://www.volunteertwincities.org)
- [www.mentorminnesota.com](http://www.mentorminnesota.com)
- [www.volunteerconnection.org](http://www.volunteerconnection.org)



# In The World

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- United Nations Information Technology Service (UNITeS)
  - Global volunteer initiative to help bridge the digital divide
  - [www.unites.org](http://www.unites.org)
- Peace Corps
  - Help communities and organizations capitalize on available and appropriate IT
  - [www.peacecorps.org](http://www.peacecorps.org)



## In The World cont.

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- Geek Corps
  - Places international technical volunteers in developing nations to contribute to projects while transferring knowledge and skills to keep the project moving forward after volunteer leaves
  - [www.geekcorps.org](http://www.geekcorps.org)



# In Your Home

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- Mentor Net
  - E-mentor network for women in engineering and science
  - [www.mentornet.net/](http://www.mentornet.net/)
- International Telementor Center
  - [www.telementor.org](http://www.telementor.org)
- Cyberangels
  - [www.cyberangels.org/](http://www.cyberangels.org/)
- VolunteerMatch.org
  - [www.volunteermatch.org/virtual/](http://www.volunteermatch.org/virtual/)

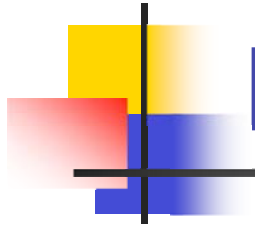




# Brainstorming

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- Personal Experiences
- Recommendations for others
- How to find opportunities



# Find Opportunities

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- [www.volunteermatch.org](http://www.volunteermatch.org)
- [www.npower.org](http://www.npower.org)
- [www.volunteertwincities.org](http://www.volunteertwincities.org)
- [www.mentorminnesota.com](http://www.mentorminnesota.com)
- [www.volunteerconnection.org](http://www.volunteerconnection.org)



# When All Else Fails

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- [www.google.com](http://www.google.com)
  - Keywords 'volunteer' 'computer' and <state>