

Presenter Resume



At just 15, Rachel Stange was presenting at her first international education technology conference on using an LMS for K-12 outreach. She has presented at ACM and IEEE conferences on multidiscipline topics and at the Community College Cyber Summit. She started publishing her research while still in high school. Rachel has received state and national awards from the National Center for Women & Information Technology for her computer science work. She holds a Pre-Allied Health certificate and Associates of Science degree from Lord Fairfax Community College and is currently working on her Bachelor Degree in Professional Chemistry with a double minor in Computer Science and Cybersecurity.



Rachel M. Stange

Mother cites bullying for daughter's suicide

Bullying in school played a major part in the suicide of a 13-year-old Stephens City girl earlier this week, her mother said Friday.

By The Northern Virginia Daily May 31, 2012 🏾 🗨

Bullying in school played a major part in the suicide of a 13-year-old Stephens City girl earlier this week, her mother said Friday.

The woman's voice broke as she described her daughter as "very smart, loving, caring, a helper, and a friend."

"Her dad and I are devastated," she added.

The Northern Virginia Daily's policy is not to report on suicides, except when the information is already widely known and likely to be of unusual interest to much of the community.

The girl's mother said it was clear months ago that something was troubling her daughter.





- Born between 1996 and 2010
- Acquiring more than \$44 billion in purchasing power & making up 25.9% of the population, the largest percentage in the U.S.
- Has 12 seconds less of the attention span recorded in 2000, coming in at 8 seconds.
- · Thinks spatially and in multiple dimensions
- 54% percent are Googling themselves regularly, with 10% self-searching on a daily basis
- 92% of Gen Z has a digital footprint





- 1. Don't be a DIGITAL DUMMY: Get real! The Web is public and permanent
- 2. Don't be a DIGITAL GOSSIP: Talking about others negatively, makes you look shallow
- 3. Don't be DIGITAL WEAK SAUCE: Don't let friends influence your better judgment
- 4. Don't be a DIGITAL DIVA/DIVO: Inappropriate screen names/pictures & legal issues
- 5. Don't be a DIGITAL DAREDEVIL: Be careful about sites & friends
- 6. Don't be a DIGITAL CREEPER: Be careful what you download, look at, even for a laugh
- 7. Don't be a DIGITAL MEAN KID: Don't hide behind your computer
- 8. Don't be a DIGITAL DORK: Information about you is impossible to remove 100%
- 9: Don't be a DIGITAL PRIVACY KIDDIE: There are always ways to get around privacy settings









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Cyber Resources

- RachelS Online (rachels.online)
- Safe Surfin' Foundation (<u>http://safesurfin.org/</u>)
- Bikers Against Child Abuse (<u>https://bacaworld.org</u>)
- National CyberWatch Center (<u>https://www.nationalcyberwatch.org</u>)
- National Center of Women & IT (<u>https://www.ncwit.org</u>)
- Internet Safety 101 Organization (<u>https://internetsafety101.org</u>)
- VA Cyber Range (<u>https://virginiacyberrange.org</u>)
- StopBullying (<u>https://stopbullying.gov</u>)
- NICE (https://www.k12cybersecurityconference.org/)
- Girl Scouts USA (https://www.girlscouts.org/)
- IBM Cyber Days (<u>https://www.ibm.com/security/news/cyberday-for-girls</u>)