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Safety Net

Protecting Yourself on the World Wide Web



Overview

- Social Networking
- Cyberbullying
- Sexting
- Geotagging
- Case Study
- Online Safety Tips
- Additional Resources
- Contact Information



Social Networking





Monthly Visitors to Social Networking Sites

1. 750,000,000



2. 450,000,000



3. 250,000,000



4. 110,000,000



5. 100,000,000





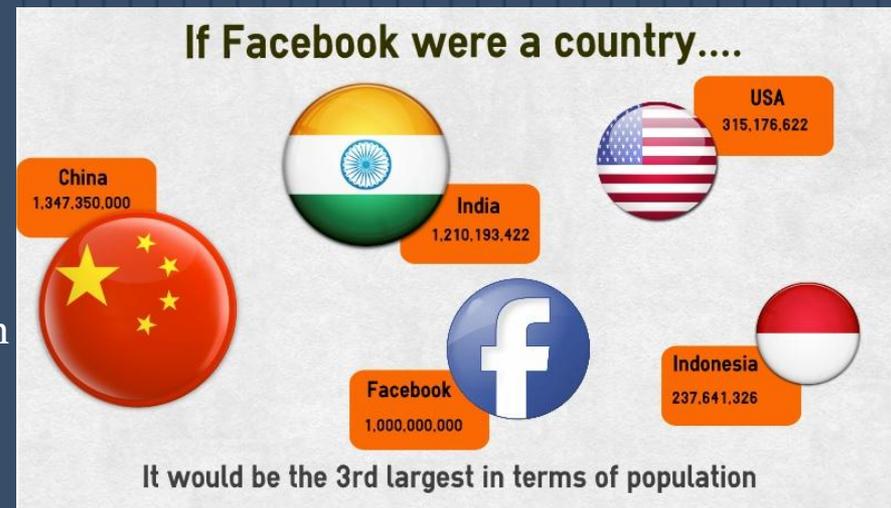
Facebook

□ Default Settings on Timeline

- **Anyone** can see your public information, which includes your name, profile picture, cover photo, gender, username, user ID (account number), and networks.
- Only you and your friends can post to your timeline. When you post something, you can control who sees it by using the **audience selector**. When other people post on your timeline, you can control who sees it by choosing the audience of the **Who can see what others post on your timeline** setting.

□ Tools

- As you edit your info, you can control who sees what by using the **audience selector**.
- Before photos, posts and app activities that you're tagged in appear on your timeline, you can approve or dismiss them by turning on **timeline review**. Keep in mind, you can still be tagged, and the tagged content is shared with the audience the person who posted it selected other places on Facebook.



- Set an audience for **who can see posts you've been tagged in on your timeline**.
- To see what your timeline looks like to other people, use the **View As tool**.



Twitter

□ Public and Protected Tweets

- When you sign up for Twitter, you have the option to keep your Tweets public (the default account setting) or to protect your Tweets.
- Accounts with protected Tweets require manual approval of each and every person who may view that account's Tweets.

□ How to protect your Tweets:

- Go to your account settings by clicking on the **gear icon** at the top right of the page and selecting **Settings** from the drop down menu.
- Scroll down to the **Tweet privacy** section and check the box next to **Protect my Tweets**.
- Click the blue **Save** button at the bottom of the page. You will be prompted to enter your password to confirm the change.

Tweet privacy

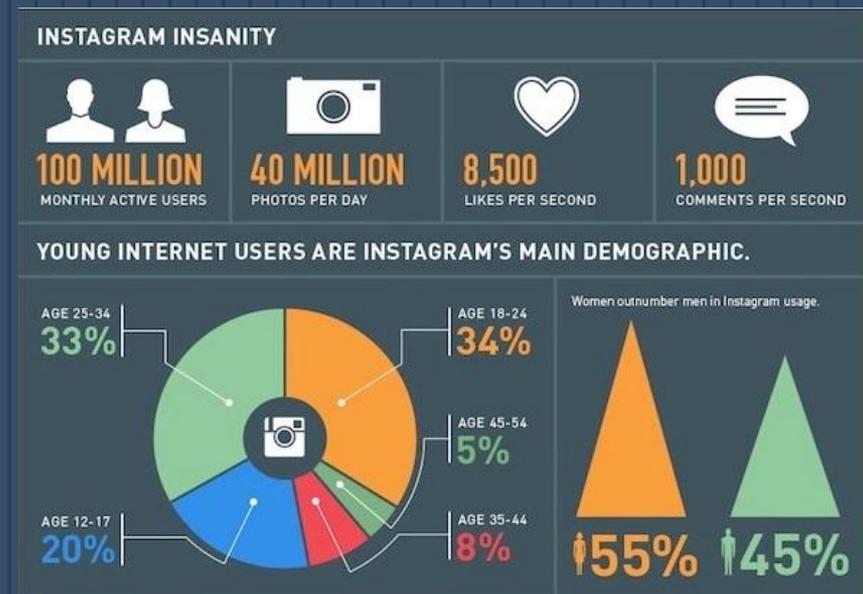
Protect my Tweets

If selected, only those you approve will receive your Tweets. Your future Tweets will not be available publicly. Tweets posted previously may still be publicly visible in some places. [Learn more.](#)



Instagram

- ❑ By default, **anyone** can view your profile on Instagram. To set your privacy so only approved followers can see your photos:
- ❑ Go to your profile by tapping  in the lower-right corner
- ❑ Tap **Edit Your Profile** next to your profile picture
- ❑ **iPhone/iPad:** Scroll down to Photos Are Private and toggle the switch to **On**
- ❑ **Android:** Check the box next to **Photos are Private**





Downfalls of “Old-School” Social Media

□ E-Mail:

- Most email services are free to use so anybody can create an account.
- Sometimes messages contain viruses, scams, or inappropriate content.

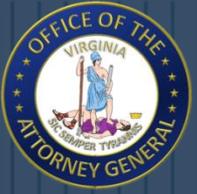
□ Instant Messaging:

- You may not know the true identities of your buddies, as IM accounts can be acquired anonymously.

□ Chat Room:

- Predators may use this to entice children into conversations about personal-related issues and offline meetings.





Cyberbullying

Identification and Prevention



What is Cyberbullying?

- ❑ Willful and repeated harm inflicted through the use of computers, cell phones, and other electronic devices.
- ❑ Making **threats** online: over IM, email, social networking sites, etc...
- ❑ Using Photoshop tools to create harassing **images**.
- ❑ Publishing **jokes** about another person on the Internet.
- ❑ Using the Internet to entice a group to physically **harm** another person.





Effects of Cyberbullying

□ Positive Effects

- NONE

□ Negative Effects

- Victims feel depressed, sad, angry, and frustrated.
- Victims are also afraid and/or embarrassed to attend school.
- Can lead to low self-esteem, family problems, academic problems, school violence, and delinquent behavior.
- Can lead to suicidal thoughts.





Case of Cyberbullying

□ Megan Meier Case

- 13 year old female
- Began receiving nasty messages from a boy “Josh” after a few weeks of an online flirtation with him, via her MySpace account.
- She was told that “The world would be a better place” without her.
- Committed Suicide
- "Josh Evans" never existed.





School Suspension

- ❑ Online postings are in the public domain.
- ❑ Anything you write, pictures you post, or videos you upload can be used by your school to **suspend** you.
- ❑ June 2012 - Four boys who taunted a 68-year-old school bus monitor were suspended from their middle school for one year after their taunts went viral.





Dismissal from Organizations

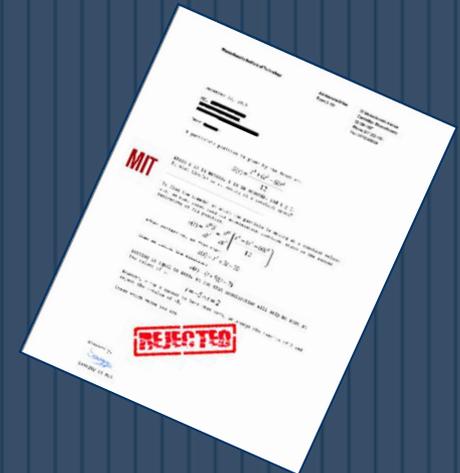
- ❑ Members of college athletic teams have been disciplined for online postings
- ❑ Two LSU swimmers were kicked off the team for writing negative comments about their coach. Both lost their scholarships.
- ❑ Northwestern University suspended its entire soccer team for photos posted of the hazing of freshman female players.





College Admissions Denial

- ❑ College admissions officers often chat with students using social networking, which allows them to see your content.
- ❑ One student was denied admission to the University of Richmond, in part, because, as a high school student, he was disciplined by the school for posting hate-filled speech on his blog.





Losing Your Dream Job

- ❑ 8% of Americans, aged 16 to 34, have lost a job opportunity because of their social media profiles.
- ❑ In a survey of 300, 91% of hiring managers use social networking sites to screen prospective employees.
 - 69% have rejected candidates for what they found.





Legal Consequences

□ § 18.2-152.7:1. Harassment by Computer; Penalty.

- Makes Cyberbullying a Crime
- Carries a \$2500 Fine and up to 12 Months in Prison





Responding to Cyberbullying

- ❑ Never Retaliate
- ❑ Tell Them to Stop
- ❑ Block Access to Cyberbullies
- ❑ Report it to the Content Provider
- ❑ Never Pass Along Messages from Cyberbullies
- ❑ Protect Your Password
- ❑ Keep Photos “PG”
- ❑ Never Open Unidentified or Unsolicited Messages
- ❑ Log Out of Online Accounts
- ❑ Pause Before You Post
- ❑ Setup Privacy Controls
- ❑ Don’t Be a Cyberbully Yourself





Sexting

A Growing Concern for Today's Youth



What is Sexting?

□ Definition:

- The sending or receiving of sexually-explicit or sexually-suggestive images or video electronically, mainly via cell phones.

- Images/Videos are initially sent to romantic partners but can find their way into the hands of others.





Consequences of Sexting

❑ School Suspension

- Hope Witsell suspended a week for sending image.

❑ Dismissal From Organizations

- After suspension, she was removed as a student advisor to the FFA.

❑ Discipline From Parents

- She was grounded for the summer and had her cell phone and computer privileges suspended.





Legal Consequences - Possession

- § 18.2-374.1:1. Possession, Reproduction, Distribution, and Facilitation of Child Pornography; Penalty.
- Any person who reproduces by any means, including by computer, sells, gives away, distributes, electronically transmits, displays, purchases, or possesses child pornography **shall be punished by not less than five years nor more than 20 years** in a state correctional facility.





Legal Consequences - Production

- ❑ § 18.2-374.1. **Production**, publication, sale, financing, etc., of child pornography; presumption as to age; severability.

- ❑ A person shall be guilty of production of child pornography who:
 - Produces or makes or attempts or prepares to produce or make child pornography; or
 - Who knowingly takes part in or participates in the filming, photographing, or other production of child pornography by any means.

- ❑ Penalty can range from **one year** **to 30 years** in a state correctional facility.





Preventing Sexting

- ❑ Think About the Consequences Before Sending.
- ❑ Remember That You Can't Control Where This Image May Travel.
- ❑ Never Take Images of Yourself That You Wouldn't Want Others to See.
- ❑ If You Forward a Sexual Picture of Someone Underage, You are as Responsible as The Original Sender.
- ❑ Report Any Nude Pictures You Receive to an Adult You Trust.



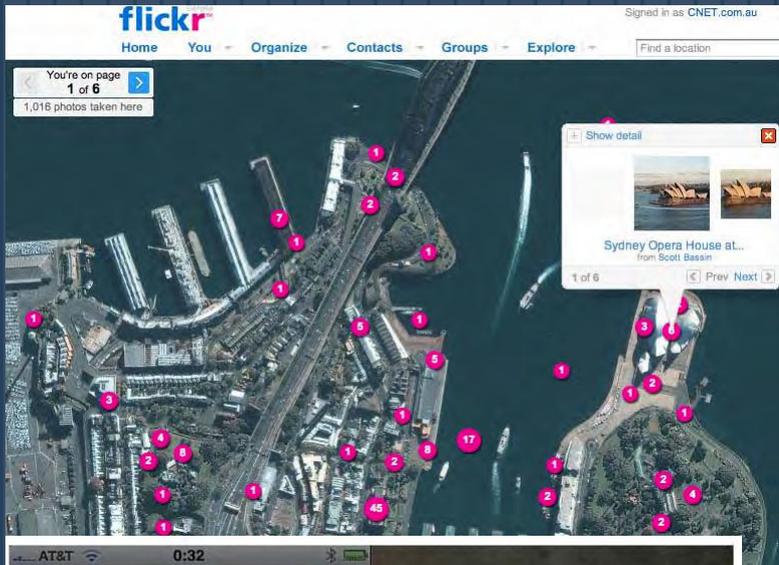


Geotagging and Social Networks

Geotagging: What Is It and How Can You Protect Yourself?



Geotagging?



□ Definition:

- The process of adding your location to a file.
- It is the equivalent of adding a grid coordinate to everything you post on the internet.

□ Your photos can tell everyone:

- Where You Live
- Where You Spend Your Time
- Where You Park Your Car
- And Other Information You Would Not Want to Tell





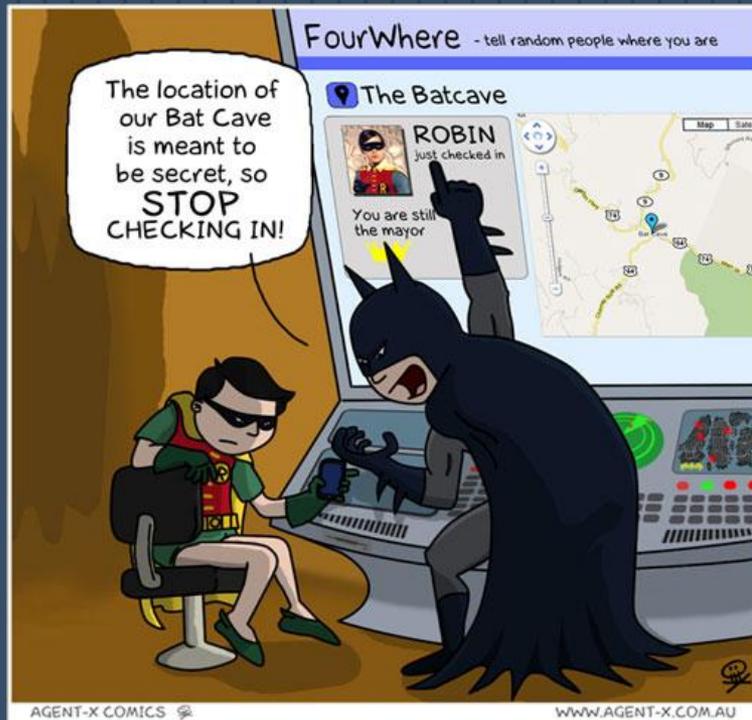
The Dangers of Geotagging



- ▣ In August of 2010, Adam Savage, of “MythBusters,” took a photo of his vehicle using his smartphone.
- He then posted the photo to his Twitter account including the phrase “off to work.”
- His phone attached metadata revealing his exact location.



Location-based Social Networking



- ❑ Location-based social networking allows a user to broadcast their geographic location.
- ❑ Commonly used to “check in” at various locations to earn points, badges, discounts and other geo-related awards.
- ❑ Adversely affects security and privacy of an individual.



Why are These Applications Potentially Dangerous?

- ❑ Establishes Patterns
- ❑ Exposes Places of Work, School and Home
- ❑ Identifies Location of Potential Victims





Turning off the GPS Function on Phones

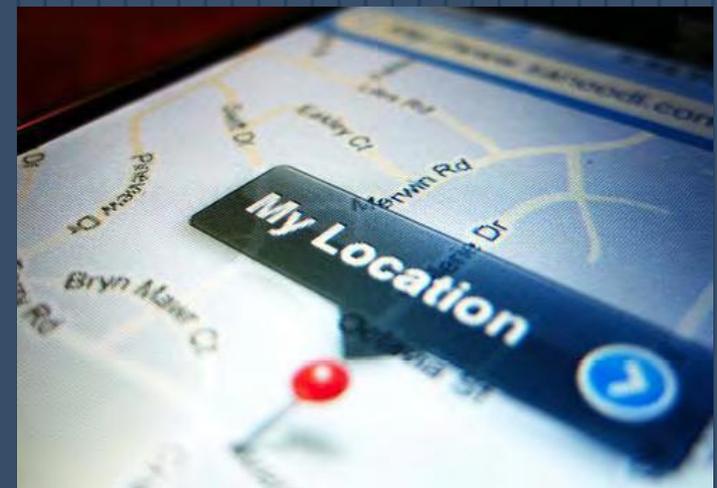


- Avoid displaying location information by disabling the geotagging function on your Smartphone.
- Most Smartphones automatically display geographical location.
 - It takes a little more effort on the user's part to protect their privacy.



Geotagging Tips

- ❑ Be aware of the ability for your images to be geo-tagged.
- ❑ Understand the risks involved.
- ❑ Know when to use the geotagging feature and when not to use it.
- ❑ Know how to disable you cell phone's or camera's geotagging feature.
- ❑ If using geotagging websites, control with great care the people who are able to see where you are located.
- ❑ Be aware when you post your pictures and what geotagged information you leave.



Case Study

The Kelly Karl Bowen Case



Kelly Karl Bowen Case

- Who: Craz14, MstrCheef, & hotlilflgirl
- What: Convicted of Solicitation and Sexual Exploitation of Multiple Children & Production of Child Pornography
- Where: Virginia
- When: 2004
- How: Posing as a minor (young female)
- Why: Learn How the Anonymity of the Internet can Help Facilitate Child Exploitation Crimes



CRAZ14 MySpace Account

Name : CRAZ14

Sex: Female

Age: 14

Status: alive

Here for: fascinating conversationalists

Hometown:

Interests: Hey, I'm Sissy! I'm 15 but almost 16. Can't wait to drive! I'm 5'5 about 105. I'm kinda shy, but once you get to know me I open up! Don't be afraid to message me... I'll talk to anyone unless you're a pervert!





MstrCheef MySpace Account

Name : MstrCheef

Sex: Male

Age: 14

Status: on break

Here for: friends/dating

Hometown: Chesapeake



Interests: I'm 14, turning 15 in June. If not at the computer playing Halo 2 or NBA 2K6, you can usually find me at the mall. My favorite bands would have to be The Black Eyed Peas or maybe Nickelback... Anything else you want to know, IM me, I don't bite. =P



Hotlilflgirl MySpace Account

Name : hotlilflgirl

Sex: Female

Age: 14



Status: available

Here for: to meet new people

Hometown:

Interests: Hey peeps, I'm in eighth grade. A few things I enjoy are web design, field hockey, blogging, and just being in the company of boys. I've just started making money as a model. It is soooo fun and easy. IM me and I'll tell how you can too.



Starting the Conversation

- Hotlilflgirl gets in a chat room and starts chatting with CRAZ14

The screenshot shows a chat window with a header for user CRAZ14. The header includes a 'view profile' button, a 'NO PHOTO' placeholder, and a play button icon. The chat history shows the following messages:

abc hotlilflgirl: hey CRAZ! Wassup!!! Remember me -MstrCheef's frend
CRAZ14: hey hotgrl, how U doin?
hotlilflgirl: not good
CRAZ14: y
hotlilflgirl: i hurt my knee in a soccer game
hotlilflgirl: im getting surgery tom ☹
CRAZ14: awww! that sucks!!! :*(
hotlilflgirl: do u play
CRAZ14: Naw, i play volleyball i think i will go out for track2.
hotlilflgirl: u on the hs team?
CRAZ14: yeah, my first year on the team
hotlilflgirl: u must be tall?
CRAZ14: naw, 5'1" -im a setter
hotlilflgirl: im #6 on my team, how bout u
CRAZ14: last year #12
hotlilflgirl: after my knee surgery, soccer will probably be out, so I'll be stuck at the computer
hotlilflgirl: send me a card or something to make me feel better after surgery
CRAZ14: k what's your address?
hotlilflgirl: hotlilflgirl@gmail.com
CRAZ14: kewl...itll be ok

At the bottom of the chat window, there is a text input field with the name 'hotlilflgirl' and a 'send' button. The input field contains the text 'hotlilflgirl'.



Receiving the E-Card

[Google](#) [Gmail](#) [Calendar](#) [more »](#)



Search Mail

Search the Web

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[Study Bibles](#) - [www.allBibles.com](#) - Discount prices on Study Bibles. Custom imprinting & free shipping

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[Chats](#) ☎

[Sent Mail](#)

[Drafts](#)

[All Mail](#)

[Spam \(3\)](#)

[Trash](#)

[Contacts](#)

▼ Quick Contacts

Search, add, or invite

« [Back to Inbox](#)

[Archive](#)

[Report Spam](#)

[Delete](#)

[More actions...](#) ▼

ChristiaNet E-Card from CRAZ14, CRAZ14@yahoo.com

[Inbox](#)

★ [craz1492@yahoo.com](#) to me

[More options](#) 2:42 pm (0 minutes ago)

hotlilfigirl,

CRAZ1492, [CRAZ1492@yahoo.com](#) has created an E-Card for you! To view your E-Card, click the link under the "CHRISTIAN ECARDS" tab at <http://www.christianet.com>. Your password is JUN23706185.

If you cannot find your E-Card, click the link below:

<http://www.christianet.com/cgi-bin/ecards-view.cgi>



Researching the Email Address

[Search History](#) | [My Account](#) |



Web [Images](#) [Groups](#) [News](#) [Froogle](#) [Maps](#) [more »](#)

CRAZ14@yahoo.com

Search

[Advanced Search](#)
[Preferences](#)

Web

Results 1 - 1 of about 3 CRAZ14@yahoo.com (0.12 s)

[answer these questions or you will die a horrible death.....ha..ha](#)

E - Eggs: scrambled E - Email: CRAZ14@yahoo.com F - Favourite Colors:
purple F - Food: appetizerss =]=] F - Foreign Slang: spanish? what? ...

spaces.msn.com/CRAZ1492/-70k - Supplemental Result - Cached - Similar pages

*In order to show you the most relevant results, we have omitted some entries very similar to the 1 already displayed.
If you like, you can repeat the search with the omitted results included.*

Free! Speed up the web. [Download the Google Web Accelerator.](#)

CRAZ14@yahoo.com

Search

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)



CRAZ14 Blog Results

1. WHAT STATE DO YOU LIVE IN? VA
2. WHAT GRADE ARE YOU IN? 9th
3. WHAT WORD RHYMES WITH YOUR NAME? listy
4. DO YOU HAVE A CELL PHONE? yupyup
5. WHAT R THE LAST 4 DIGITS IN YOUR PHONE NUMBER? 2846
6. DO YOU SHOP AT HOT TOPIC? yup, today
7. WHAT STREET DO YOU LIVE ON? Robiouss



Narrowing Down the Address

- Robious Road is close to the following Hot Topic store:
 - Chesterfield Mall
11500 Midlothian Turnpike
Richmond, VA – 23235

- Zip Code Search + Schools in that specific area narrows high school down to Huguenot High.



What Do We Know about CRAZ14?

- 1) Her name rhymes with listy → Misty or Christy (her name is actually Kristi).
- 2) She lives in Virginia, and on Robious Dr., St., or Ln....
 - The combination of the State, Street, and Shopping at HotTopic, puts her in or near Richmond. She Probably goes to Huguenot High.
- 3) Kristi has her own cell phone. She lists the last digits as 2846 (with an area code of 804)



MstrCheef's Bulletin

- After some MySpace research the following was found on CRAZ14's MySpace as a Bulletin from MstrCheef.
 - “K, LAN party set at my house on Sat. Bring money for food. There will be 6 of us so the game will rock! me, Trey Ash, shockwave, Godsgunman, and my neighbor CRAZ14. Call if you need directions 804-425-6769”.

- Notice two things: NEIGHBOR CRAZ14 & the phone number



Locating the Address

- A reverse search for the phone number yields the following results:

The screenshot shows a search result from "Directory Assistance +plus". It indicates there is one listing for the phone number (804)425-6769. Below this, it says "Records 1 to 1 listed." and provides a "Save to Favorites" link. The results are under the heading "White Page Results" with a "da+" logo. A blue bar prompts the user to "Click on the entry you would like to see:". The single result is for "Jeff & Stacy Smith" at "3727 Robious Rd, Richmond, VA 23235".

Directory Assistance +plus

- ❖ There are 1 total listings for (804)425-6769
- ❖ Records 1 to 1 listed. [Save to Favorites](#)

da+ White Page Results

Click on the entry you would like to see:

- ❖ [Jeff & Stacy Smith](#)
3727 Robious Rd
Richmond, VA 23235



Locating the Address

- A reverse search for that address yields the following results:

The screenshot shows a web interface for a reverse address search. At the top, there are four tabs: "People Search", "Business Search", "Reverse Phone", and "Reverse Address". The "Reverse Address" tab is selected. Below the tabs, there are links for "Reverse Address", "Batch Address Searches", and "High Volume". A "VOIAGE: F" link is also visible. The main content area is titled "Results:" and contains three links: "New Search", "Modify Search", and "Printer-Friendly". A blue arrow points from the "AKA Kristi" box to the "Johnson, Kristine" entry in the results list.

Results:
New Search Modify Search Printer-Friendly
Dave & Kathy Johnson, Kristine 3729 Robious Rd Richmond, VA 23235
 Get More Info on

AKA Kristi CRAZ14



Who is Hotlilfgirl?

□ Kelly Karl Bowen

□ Among the charges were:

- Production of child pornography and the
- Online solicitation of children





Online Safety Tips





Online Safety Tips

- ❑ Don't Use Your Full Name or Picture on Your Main Page.
- ❑ Make Your Account Private.
- ❑ Set Friend Requests and IM to "Require Last Name or E-mail Address".
- ❑ Know That People are Not Always Who They Say They Are.



Online Safety Tips

- ❑ Do Not Agree to Meet Someone You Met Online without an Adult.
- ❑ Set Approval for Comments and Friends.
- ❑ Minors Should Immediately Tell Parents if They are Improperly Approached Online.
- ❑ Remember Things You Post are on the Internet Could Potentially Affect You Forever.
- ❑ Parents: Become an Online Friend of Your Child.



Additional Resources

- www.getnetwise.org
- www.CommonSenseMedia.org
- www.StaySafeOnline.org
- www.FTC.gov/idtheft
- www.OnGuardOnline.gov
- www.cyberbully411.org
- www.connectsafely.org
- www.iKeepSafe.org
- www.NetFamilyNews.org
- www.NetSmartz.org
- www.wiredsafety.org



Contact Information

- Address: Computer Crime Section
Office of the Attorney General
900 East Main Street,
Richmond, VA 23219

- Web: www.ag.virginia.gov
- Email: CyberCrimeUnit@oag.state.va.us

- Phone: 804.786.2071



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Virginia Attorney General's Computer Crime Section

Cybersecurity in the News: Sega is the latest in a long line of companies falling victim to data breaches. In the last few weeks, large data breaches have occurred at Sony, Citigroup, and RSA, among others, endangering the personal information of consumers. If you think you're information may have been compromised, you should vigilantly monitor your credit report and be especially aware of phishing scams.

Sega Says More Than One Million Affected By Sega Pass Breach | threatpost

threatpost.com

Sega says that more than a million customers of Sega Pass gaming network were affected by a data breach.

June 21 at 4:24pm · Share · Translate

RECENT ACTIVITY

Virginia Attorney General's Computer Crime Section edited their [Founded](#) and [Location](#).

Virginia Attorney General's Computer Crime Section

Cybertip of the Month: Turn on your computer's firewall, even if you have a Mac. Apple alerted users to a scam involving fake antivirus software. Fake websites will notify a user that a computer is infected with a virus, tricking him into installing fake antivirus software. The scam is designed to steal the user's credit card information. Turning on your firewall will help protect your personal information.

May 26 at 11:24am · Translate

Virginia Attorney General's Computer Crime Section

Cybersecurity in the News: If you have been affected by the Epsilon data breach, this article provides some good advice on how to protect yourself and your information. Be particularly aware of phishing scams, avoid clicking on any

Recommend This Place

Help your friends discover great places to visit by recommending this.

Write a recommendation...