

An abstract graphic of white circuit lines on a dark blue background, featuring various straight and curved paths that resemble a printed circuit board.

TECH CLASSES

Internet & Computer Safety For You and Your Family

Instructor: Chris
Digital Media Specialist

TECH CLASSES

Can you hear me?
If not, click the chat button
below and let me know.



TECH

CLASSES

- What is Digital citizenship?
 - Digital citizenship is about learning to use technology responsibly and appropriately.
- What threats exist in the digital world?
 - Weak Passwords
 - Malicious Sites
 - Malware
 - Spam and Phishing
 - Kid Safety
 - Clicking a Wrong Website Link
 - Obscenity
 - Copyright

TECH CLASSES

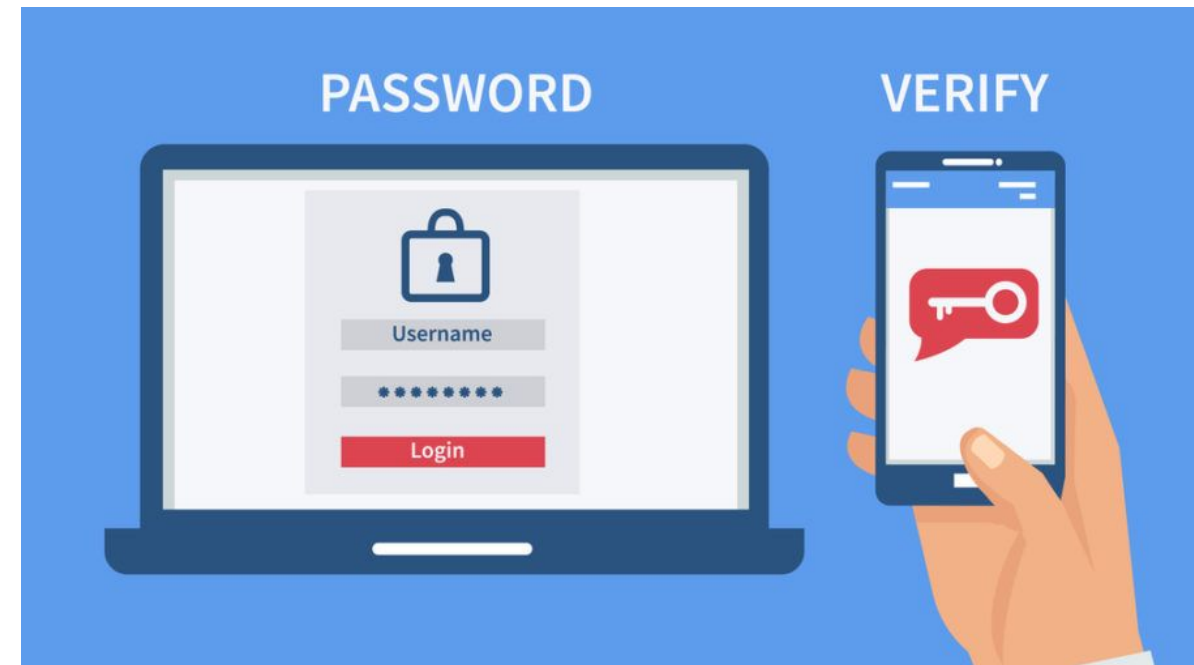
MAKING A STRONG PASSWORD



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- What do I need for a strong password?
 - Include numbers, symbols, and both uppercase and lowercase letters
 - Create passwords with 8 characters
 - The more characters the better
 - Set up two-point authentication
 - Use different passwords
 - Never tell anyone your password over the phone or email



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- This is Carol she is looking to change her password to keep up with her online privacy but she is having trouble coming up with a password. She has some ideas and needs some help choosing a password that won't be cracked.

1. astronaut

2. !#m00n69

3. astronaut123

4. #a5tr0nauT!

5. astro!1

6. apple123!

7. Carol123!

8. !cAr01#

9. Ilovespace

TIME IT TAKES FOR A HACKER TO CRACK YOUR PASSWORD

Number of Characters	Numbers Only	Lowercase Letters	Upper and Lowercase Letters	Numbers, Upper and Lowercase Letters	Numbers, Upper and Lowercase Letters, Symbols
4	Instantly	Instantly	Instantly	Instantly	Instantly
5	Instantly	Instantly	Instantly	Instantly	Instantly
6	Instantly	Instantly	Instantly	1 sec	5 secs
7	Instantly	Instantly	25 secs	1 min	6 mins
8	Instantly	5 secs	22 mins	1 hour	8 hours
9	Instantly	2 mins	19 hours	3 days	3 weeks
10	Instantly	58 mins	1 month	7 months	5 years
11	2 secs	1 day	5 years	41 years	400 years
12	25 secs	3 weeks	300 years	2k years	34k years
13	4 mins	1 year	16k years	100k years	2m years
14	41 mins	51 years	800k years	9m years	200m years
15	6 hours	1k years	43m years	600m years	15 bn years
16	2 days	34k years	2bn years	37bn years	1tn years
17	4 weeks	800k years	100bn years	2tn years	93tn years
18	9 months	23m years	6tn years	100 tn years	7qd years



Cybersecurity that's approachable.
Find out more at hivesystems.io

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MALICIOUS WEBSITES

Deceptive Website Warning

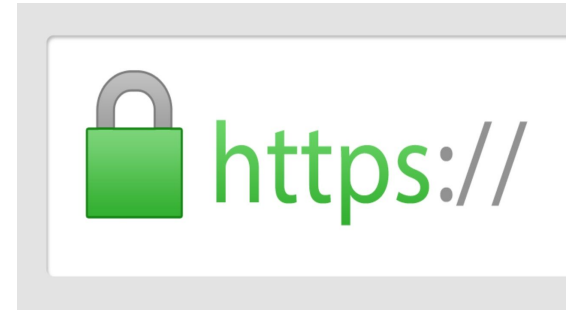
This website may try to trick you into doing something dangerous, like installing software or disclosing personal or financial information, like passwords, phone numbers, or credit cards.

[Show Details](#)[Go Back](#)

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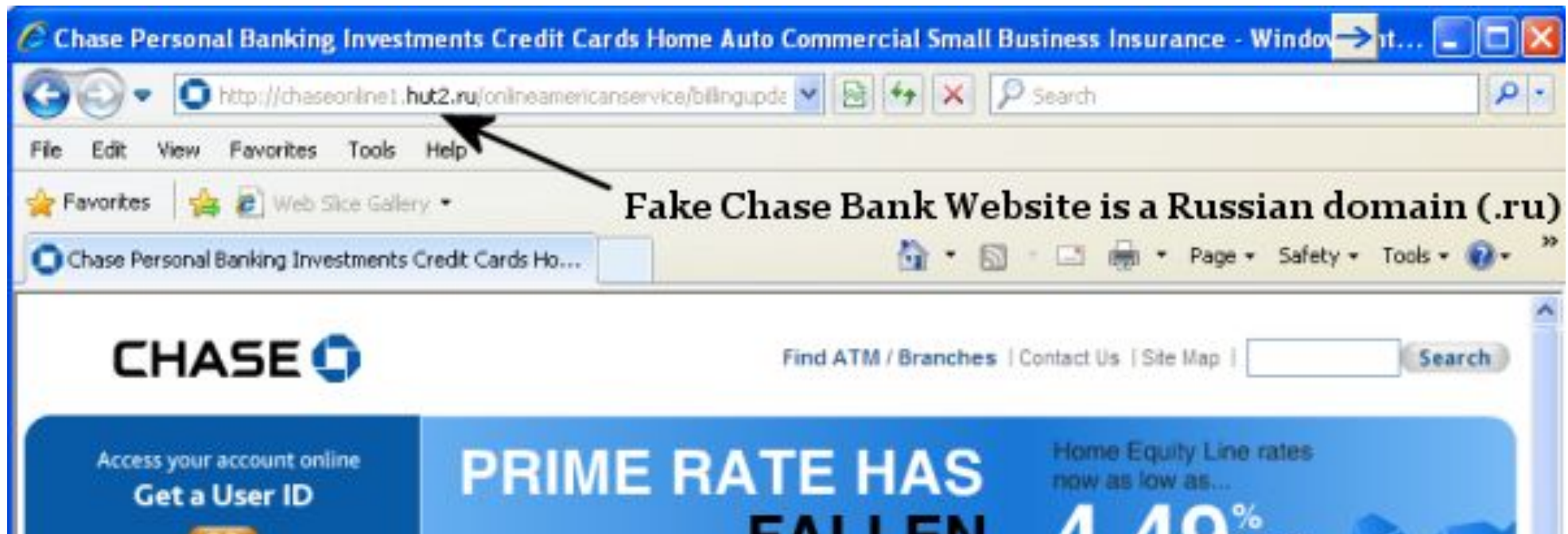


Anatomy of a URL



Secure Mode

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ⓘ Not Secure | joncjg.blogspot.com

🔒 cnn.com

www.Facebook.cixx6.com

📄 spin.amazon.com

🔒 pixiv.net/en/

www.icloud-cancellation8xxr76dx6.com

TECH CLASSES

AVOIDING MALWARE



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How to Avoid Malware:

- Avoid websites your not familiar with
- Only accept flash drives and external hard drives from trusted sources
- Only open up attached files in emails from trusted sources
- Download antivirus software (Norton, Malwarebytes, etc.)
- Keep your computer up to date with new software and updates
- Download an Ad Blocker plugin for your browser
- Avoiding downloading files from illegal file sharing websites

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SPAM AND PHISHING



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How To Avoid Spam and Phishing:

- Most spam emails are automatically marked and sent your spam folder
- Sometimes an email might slip past and not get marked though so you will need to mark it yourself or drag it to the spam folder
- Spammers can tell that your email is active if it loads a message's images, this can result in more spam
- Be suspicious of urgent emails requesting financial information

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How To Avoid Spam and Phishing:

- Don't click on links in an email
- Type URLs/Web addresses into web browser
- Don't enter personal information in pop up forms
- Pick up the phone and call to verify!



Why is this message in Spam? It's similar to messages that were detected by our spam filters. [Learn more](#)

Dear Beloved

May the peace of the Lord be with you and your household .

My name is Pastor Donald Williams , Am a banker by profession and also the head Pastor of Assemblies of God Ministries and i bring to you a life changing business proposal which i consider very confidential.

i wish to inform you that my email to you , is not intended to mock you in any way but to share the benefit of this mutual confidential transaction with you ,i mean every word stated in my proposal to you and i want you to treat this matter with all amount of seriousness.

I am contacting you in regards to my deceased congregant who was a reputable customer to the aforementioned bank i manage regionally. While my congregant/customer was alive , i operated/managed and guided him on the operation of the account which he deposited a huge sum of money but unfortunately he was diagnosed of a life threatening illness (Cancer of the blood) which took his life afterwards , May his soul continue to Rest In Peace .

Dear I wish to seek your assistance for the transfer of US\$8.5 Million Dollars into any of your nominated bank account abroad ,This is because you bear the same SURNAME with my deceased congregant/customer. Are you in anyway related to him ?

TECH

CLASSES



Gmail Team <mail-noreply@google.com>

to me ▾

Welco

Here a

Shoul

Enjoy!

The G

from: **Gmail Team** <mail-noreply@google.com>

to: Aseem Deen <aseem1234@gmail.com>

date: Sat, May 21, 2016 at 12:20 PM

subject: Your Gmail address, aseemd4@gmail.com, has been created

mailed-by: google.com

signed-by: google.com

encryption: Standard (TLS) [Learn more](#)

TECH CLASSES



Have you ever received a phone call like this before?

TECH CLASSES

KEEPING YOUR CHILDREN SAFE



TECH CLASSES

What to watch out for:

- Cyberbullying
- Cyberstalking
- Obscenity
- Pornography
- Piracy

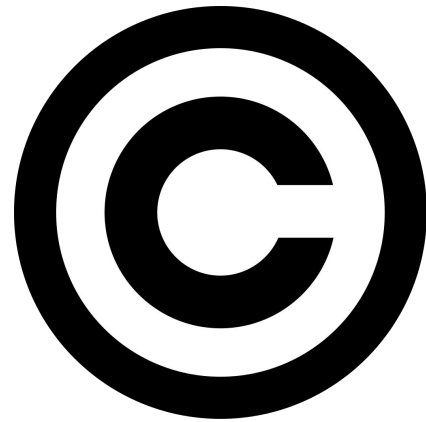


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- Educate yourself about what websites and social media services they are using.
- Talk to your kids about internet use and encourage them to come to you if they encounter a problem.
Teach your kids to keep personal information private.
- Set standards for what your kids can and cannot do online.
- If the device or applications has parental restrictions set them up.

TECH CLASSES

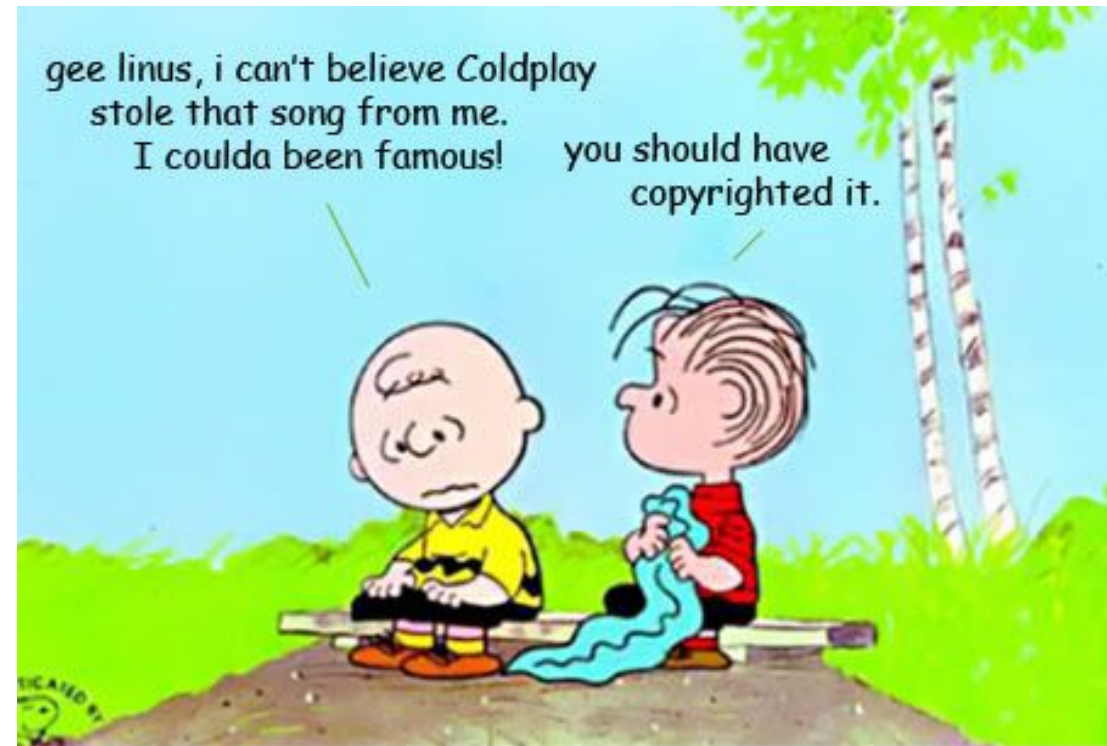
COPYRIGHT

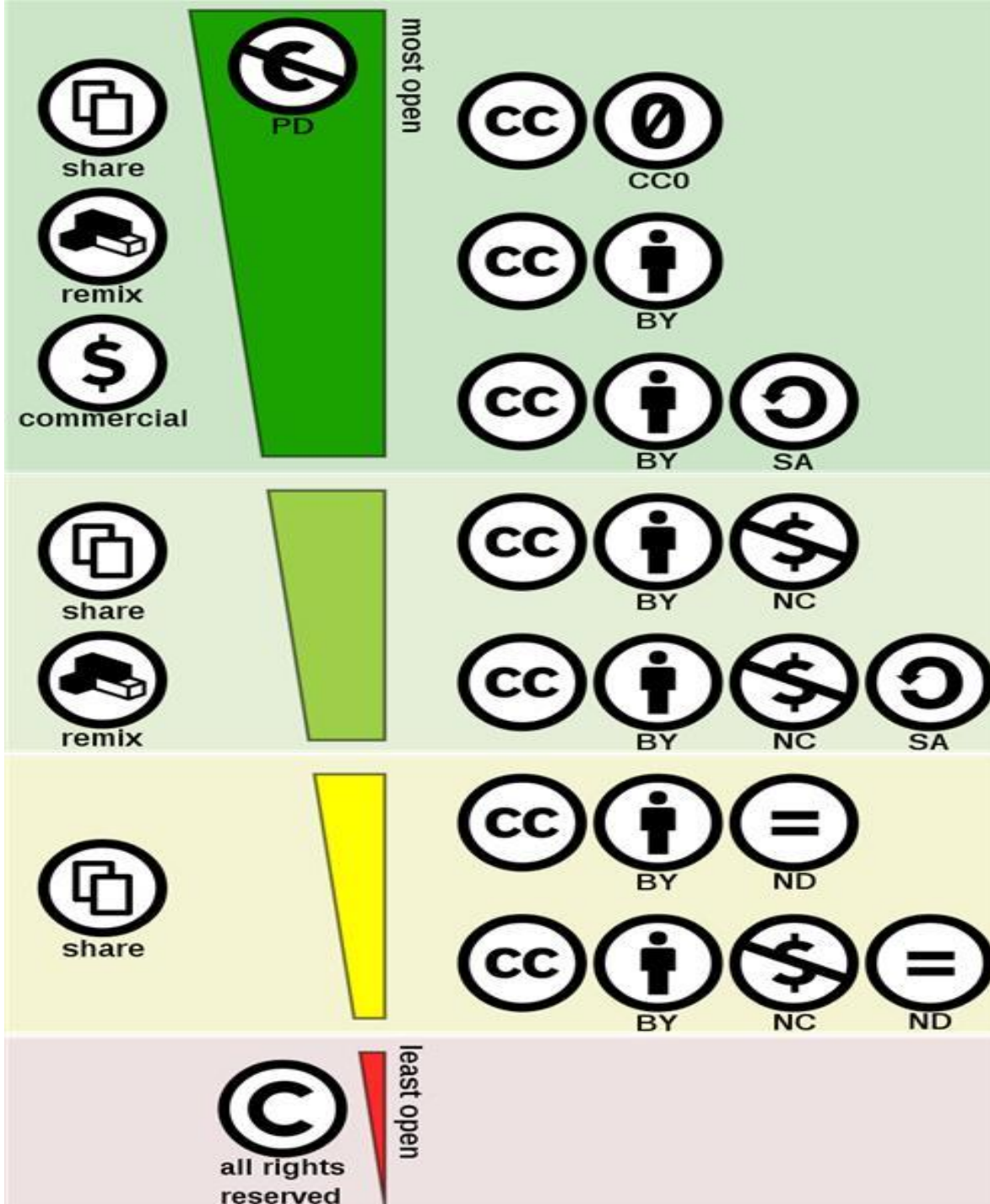


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Why is it a big deal?

- Copywritten, trademarked material is owned by another individual. If you are using it you are essentially stealing it.





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Fair Use

- For purposes such as:
 - Criticism
 - Comment
 - News reporting
 - Teaching
 - Research
- If you can, you should always show the source of the content even if its from a social media post by tagging the original owner of the content.

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Is it ok to share images or documents for fun if I don't plan on making any money off of it?

YES

As long as you aren't advertising that you made the content or are trying to make money off something it's fine to share things like images freely.

Thank you!

If you need additional help feel free to
stop by the tech desk or set up a 1:1 at
<https://www.ahml.info/virtualhelp>