# Manage Passwords Using Keychain Dennis Crowley

### 20 Most Common Passwords

• 123456	• 1234567
• 123456789	• qwerty
• picture1	• abc123
<ul> <li>password</li> </ul>	Million2
• 12345678	• 000000
• 111111	• 1234
• 123123	<ul> <li>I love you</li> </ul>
• 12345	• aaron431
• 1234567890	<ul> <li>password1</li> </ul>
• senha	• qqww1122

# Don't Reuse Passwords

- Using same or similar password allows hackers to access
  - Bank account Information
  - Credit card Information
  - Other valuable information

# **Create Strong Passwords**

- Use a Password Manager
  - 1Password
  - Lastpass
  - Dashlane
  - SplashID
  - Etc.

#### Hacking a Significant Problem

- Secure Personal Information
- Use iCloud Keychain
  - Free
  - Available on Mac OS and iOS Devices

# What is iCloud Keychain

- An encrypted container built-in to Apple iOS and Mac OS
- Remembers Info Such as Passwords, User Names & Credit Cards
- Auto-fill Content Across the Web
- Protected with End-to-End Encryption

# How to Turn On iCloud Keychain: iOS

	Apple ID		< App	ole ID	iCloud
Settings				Notes	
Q Search	EDIT			Messages	
Apple ID, iCloud, Media & P	Dennis Crowley dcrowley1@me.com		0	Safari	
	Name, Phone Numbers, Email	>	8	News	
Airplane Mode	Password & Security	>	~~~~	Stocks	
ᅙ Wi-Fi NETGEAR65-5G	Payment & Shipping	Apple Pay >		Home	
8 Bluetooth On	Subscriptions	>	5	Game Center	
VPN VPN				Siri	
	iCloud	>			
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	Dennis's Apple Watch     Apple Watch Series 6	>			

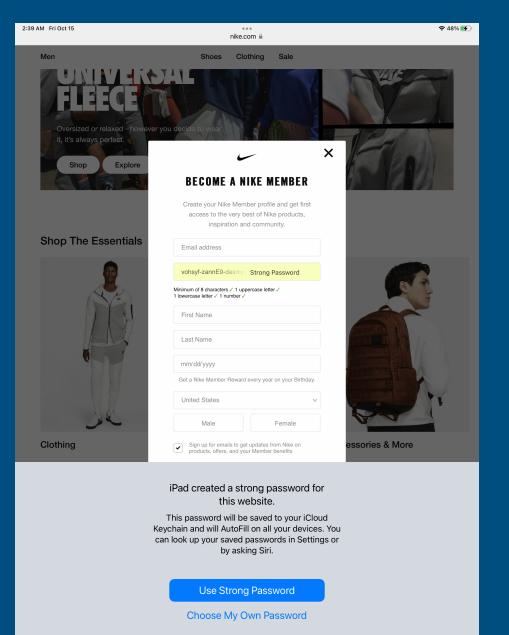
# How to Turn On iCloud Keychain: Mac

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Internet Accounts	Users & Groups	Accessibility	Screen Time	Extensions	Security & Privacy		
Software Update	Network	Bluetooth	Sound	Printers & Scanners	Keyboard	Trackpad	Mouse
Displays	Sidecar	Energy Saver	Date & Time	Sharing	Time Machine	Startup Disk	

# How to Turn On iCloud Keychain: Mac con't

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	dcrowley1	@me.co	m			Notes					
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### **Generating Passwords iOS**



#### Generating Passwords -Mac

	٢
dcrowley1@me.com – iCloud	
AutoFill your contact info Dennis J. Crowley	
Mobile phone number (optional)	

Keep me signed in

By checking this box you won't have to sign in as often on this device. For your security, we recommend only checking this box on your personal devices.

By creating an account, you are agreeing to the Target <u>terms & conditions</u> and Target <u>privacy</u> <u>policy</u>, including receipt of Target exclusive email offers and promotions. To manage your marketing choices please access the Choice section of the Target Privacy Policy or call Target Guest Relations.

**Create account** 

<u>Or sign in</u>

#### Generating Passwords -Mac

Create your	<b>U</b> Target account			
Email address dcrowley1@me.com				
First name Dennis J.				
Last name Crowley				
Mobile phone number (optional) (321) 272-7992			Safari created a strong this website.	password for
Create password rexsow-nutdy7-tAwreb	Strong Password	<u>show</u>	This password will be saved to and will AutoFill on all your devi saved passwords in Safari Pass	ices. Look up your
✓ Your password is ready to go!			by asking Siri.	se Strong Password
Keep me signed in By checking this box you won't have t we recommend only checking this bo	o sign in as often on this device. For yo x on your personal devices.	our security,		
By creating an account, you are agreeing t <u>colicy</u> , including receipt of Target exclusiv marketing choices please access the Ch Target Guest Relations.	ve email offers and promotions. To m	anage your		
Creat	e account			
Or	sign in			

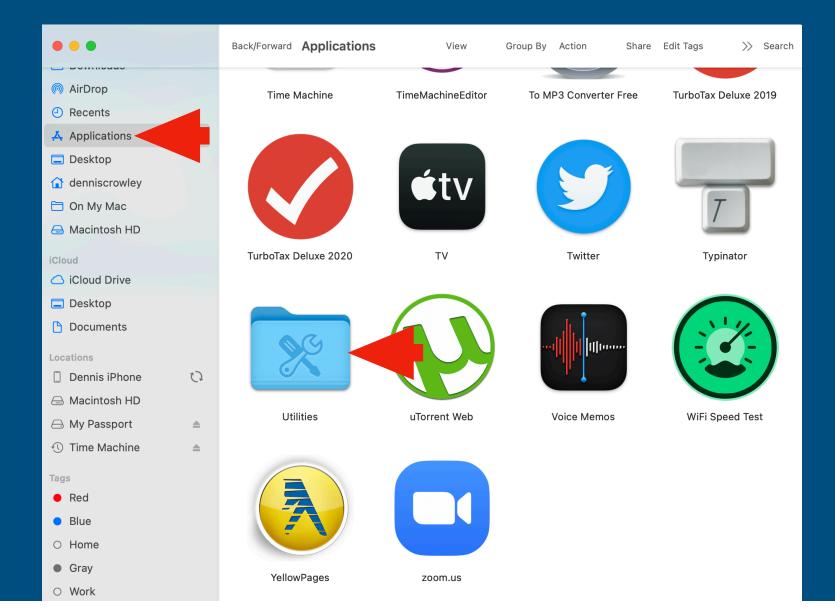
### Generating Passwords -Mac

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Suggest New Password. Other Passwords	
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	ecking this box on your personal devices.

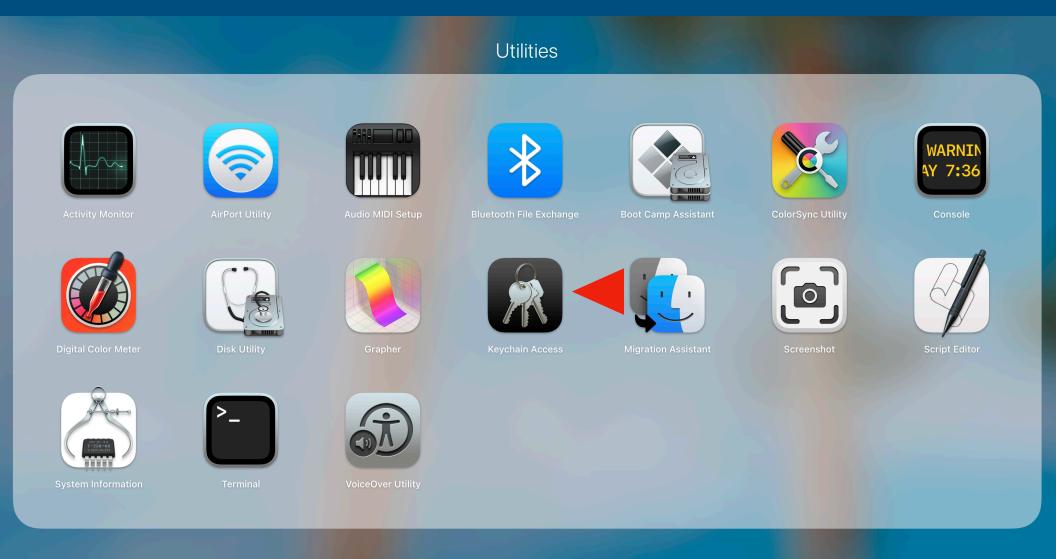
# **About Strong Passwords**

- Long (At least 12 characters)
- Complex (Contains upper- & lower-case letters, numbers & symbols)
- Random
- Does not contain personal information
- Does not contain info found on social media

# Find Keychain Access on Mac



# Find Keychain Access on Mac



# Manage Passwords





#### **Passwords Are Locked**

To unlock passwords, enter the password for the user "Dennis Crowley".

#### Manage SavedPasswords

Alial to ano information

Categories of items	Keychain item description	abou	t a sele hain ite	
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Default Keychains	All Items Passwords Secure Notes	My Certificates Keys Certi	ficates	
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<ul> <li>iCloud</li> <li>System Keychains</li> <li>System</li> </ul>	Apple Persistent State Kind: application password Account: Window Bitmap E Where: Apple Persistent Sta Modified: Yesterday, 3:22 P	ncryption ate Encryption		
💼 System Roots	Name	^ Kind	Keychain	Date Modified
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	Call History User Data Key	application password	login login	Jul 28, 2020 at 12:48:39 PM
	iOS Backup	application password	login	Jul 15, 2020 at 3:18:47 PM
	/ MetadataKeychain	application password	login	Jul 5, 2020 at 12:11:09 PM
	ProtectedCloudStorage	application password	login	Jul 5, 2020 at 12:05:49 PM
	🛴 Safari WebCrypto Master Key	application password	login	Aug 26, 2020 at 9:06:44 AM
	/ TelephonyUtilities	application password	login	Today, 5:12 PM

# Manage Secure Notes

•••	Keychain Access	Ø	i) Q Search		
Default Keychains	All Items Passwords Secure Notes My Certificates Keys Certificates				
<ul> <li>login</li> <li>iCloud</li> <li>System Keychains ✓</li> </ul>	Safe Combination Kind: secure note Modified: Today, 12:39 PM				
System					
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			secure note	100ay, 12-39 PM	logili

# Manage Secure Notes

	Children's SSN's	
	Attributes Access Control	
Created:	Children's SSN's Today, 12:40 PM Today, 12:44 PM	
🗹 Show note		
Colleen 123-45-6789 Kelly. 123-45-6788 Maureen. 123-45-6785 Sean. 123-45-6786	7	

### Find Keychain Info on Mac

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### Find Keychain Info on Mac

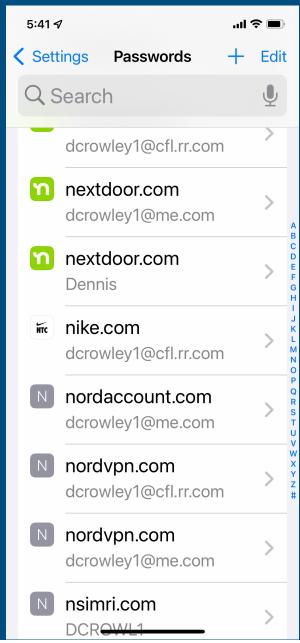
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	ecurity Privacy Websites Exte	nsions Advanced	
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Website	User name	∧ Password	
🌏 bloomingdales.com	user name		
😪 broadwayhd.com	user name	•••••	<u>A</u>
🌏 disneyplus.com	user name		<u>A</u>
🌏 ea.com	user name	•••••	<u>A</u>
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# Find Keychain Info on iOS

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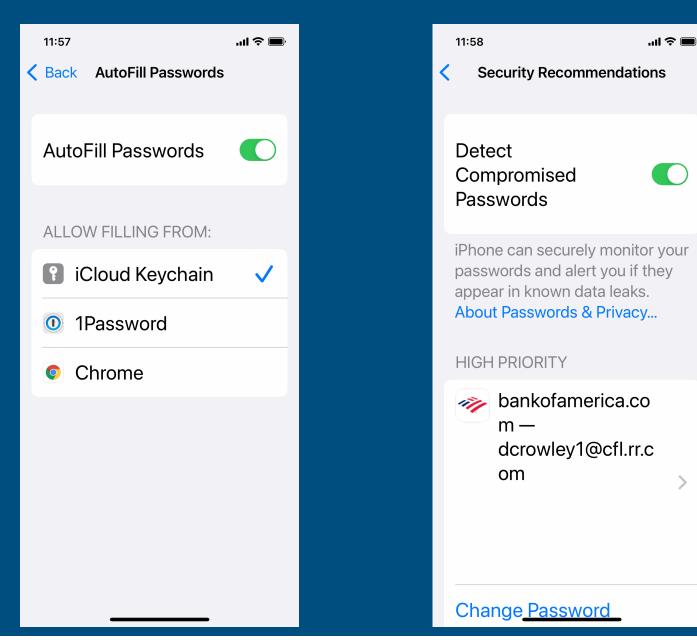
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# Find Keychain Info on iOS



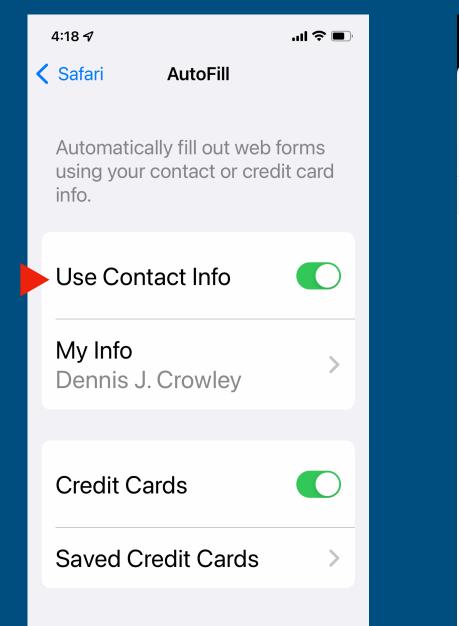
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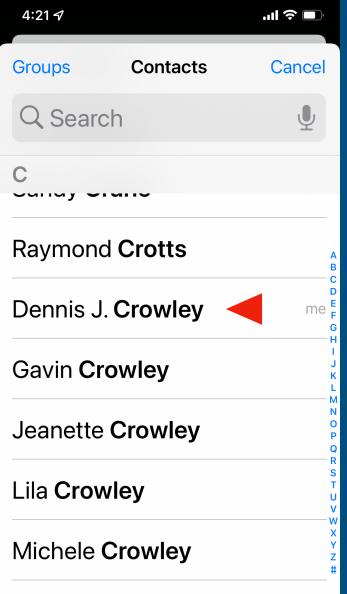
# Setup Auto Fill - iOS



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# Setup Auto Fill - iOS

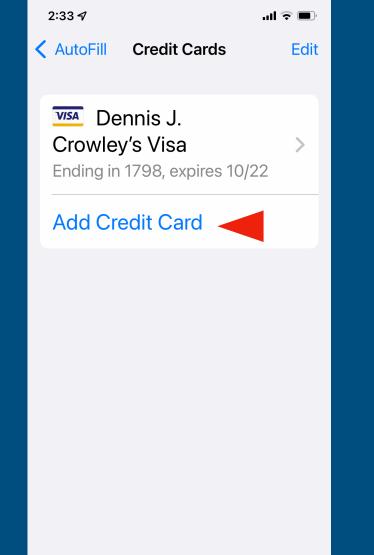




Mr. 9. Mrs. Coop Crowley

# Setup Credit Cards - iOS

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My Info Dennis	J. Crowley	>
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Number		
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Expires		
MM/YY		
Description		
	My Credi	t Card



# Setup Auto Fill - Mac

Q  Search A		Dennis J. Crowley	
Abbott Corporate Benefits			
Accent Shutters		(321) 272-7992	
Robert Adams	FaceTime		
Adcock Pecans		dcrowley1@me.com	
		June 2, 1936 2972 Tellin Lane	
Dr. Tamer Ahmed	nome	Indialantic FL 32903	
Air Duct Cleaning Service		United States	
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Mr. & Mrs. Charles Andrew			
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### Manage Passwords - Mac

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+	honda.com dcrowlev1@me.com —  v	<b>A</b>							

#### Detect compromised passwords

Your Mac can securely monitor your passwords and alert you if they appear in known data leaks.

### Adjust Credit Card Info -Mac

Credit	Cards	XXXX XXXX XXXX 4700	10/00
VISA	Dennis J. Crowley's Visa	XXXX XXXX XXXX 1798 Dennis J. Crowley	10/22



#### Would you like to save this password?

You can view and remove saved passwords in Safari Passwords preferences.

#### Save Password

Never for This Website

Not Now

# **Protect Your Password**

First Job Title:	STOP
Favorite Food:	GIVING
Favorite Color:	PEOPLE
First Pet's Name:	YOUR
First Child's Name:	PERSONAL
Favorite Restaurant:	INFORMATION
Where Are You From:	
Favorite Singer:	GUESS
Mother's Maiden Name:	YOUR
First Type of Car:	PASSWORDS
First Job:	AND
Favorite Band:	SECURITY
High School Mascot:	QUESTIONS