

# Browsers & Extensions

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PMUG Regular Meeting  
May 9, 2020

# Outline

- Browsers 101
- Extensions 101
- Popular extensions
- Anonymous board member extension profiles
- Guess the board member (w/prizes)

# Guess the Board Member

1. John Acquavella
2. Sondra Bradshaw
3. John Carter
4. Frank Croft
5. Art Gorski
6. Jim Romaine



# Browsers 101



# Browsers

- Most used software on your computer
- Key considerations: speed, compatibility
- Top 4: Chrome (69%), Firefox (7%), Safari (4%), Microsoft Edge (8%)
- New considerations: privacy, customization, convenience features, mobile integration, minimizing memory usage
- Features being added used to come from extensions
- Firefox has an educational mission

Browser usage %s provided by Jim Hamm as published by Computerworld

# Browser Capabilities

- Choice of search engines (most include DuckDuckGo)
- Can sync bookmarks, passwords (encrypted), open tabs, etc. across devices
- Lots of extensions available (esp. Chrome; Safari most limited)
- Reading mode (strips out ads), social media share capabilities, page repository for later viewing

# Privacy

- Privacy mode - discards history and cookies & hides activities from third-party tracking sites
- Fingerprint protection - prevents trackers from identifying you based on your hardware and software setup
- [Firefox] Content blocking - fend off known trackers and cryptocurrency-mining ploys (??)
- [Opera] – built in VPN (virtual private network)

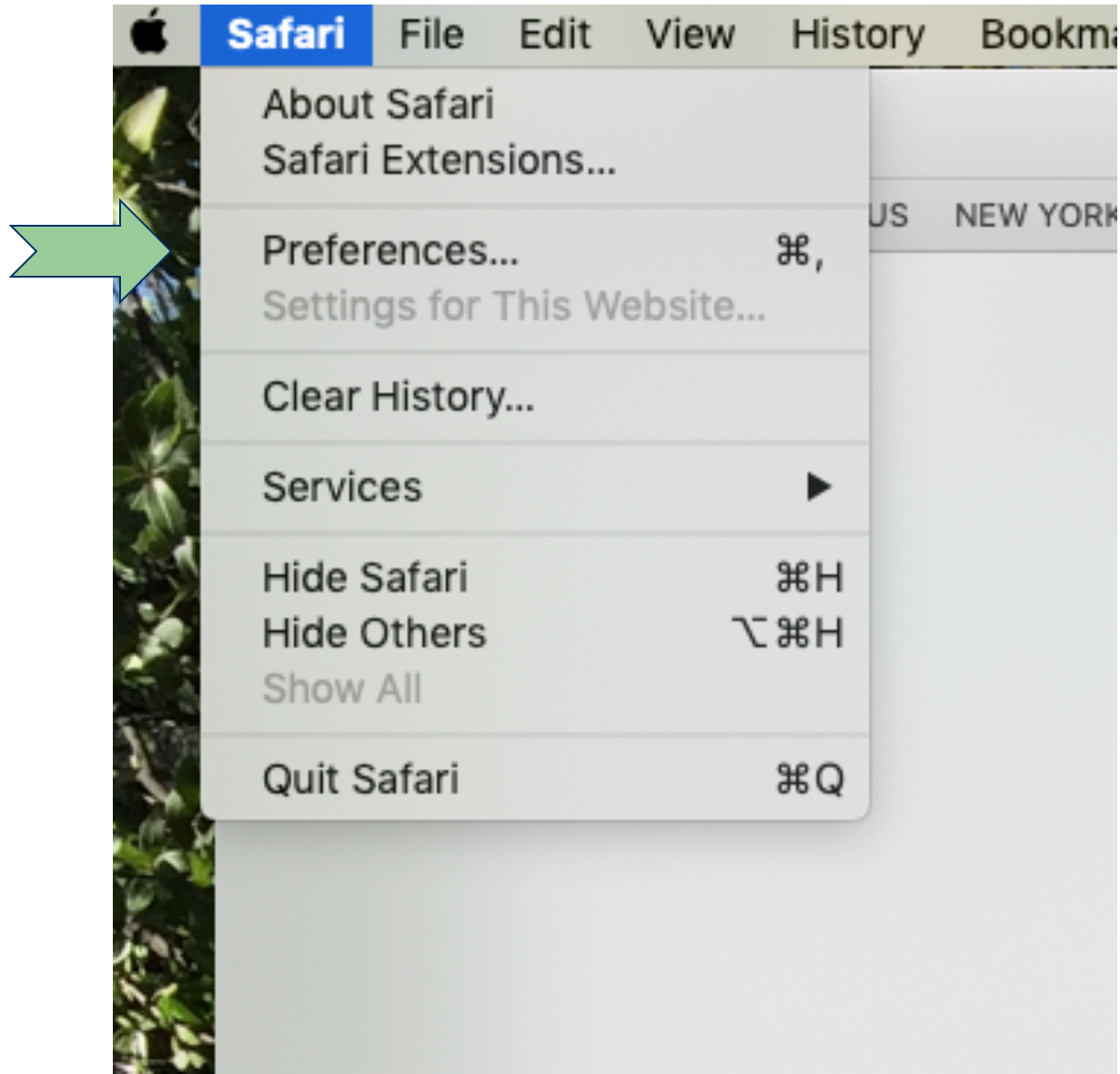
# Browser Extensions 101

# Browser Extensions 101

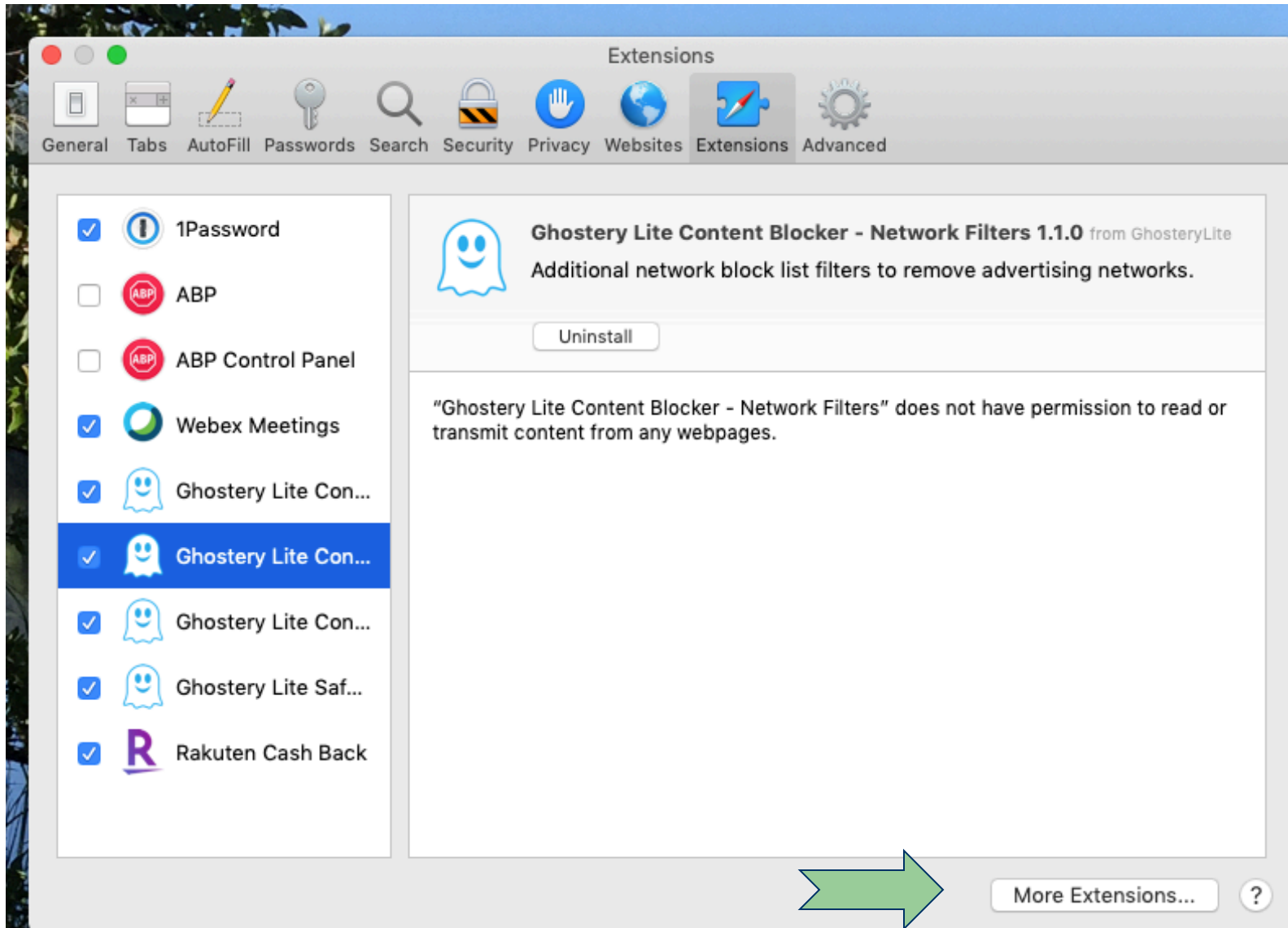
- Browser extensions increase the capabilities of your web browser with additional features, modify web pages, and integrate your browser with other services you use.
- Using too many can slow your browsing
- There are some bad actors, so pick from trustworthy providers
- Apple curates extensions for Safari – they must be acquired through the App store or the Safari extensions gallery

# What Extensions Are You Using?

## Safari/Preferences/Extensions



# What Extensions Are You Using?



# Safari Extensions

The screenshot shows the Safari Extensions gallery. On the left, a 'GET STARTED' section features the title 'Safari Extensions' and a large red shield icon with a white checkmark. Below this is a globe icon. The main area contains a list of extensions:

- Instapaper Save**: Save anything. Read anywhere. GET
- Save to Pocket**: Capture stories for later. GET
- Ecosia**: Plant trees with your searches. GET
- Grammarly for Safari**: Great writing, simplified. GET (In-App Purchases)
- 1Password 7 - Password Manager**: Generate & keep passwords safe. GET (In-App Purchases)
- Notebook - Take Notes, Sync**: Create Beautiful Notes. GET
- Honey for Safari**: (partially visible)
- Wayback Machine**: (partially visible)

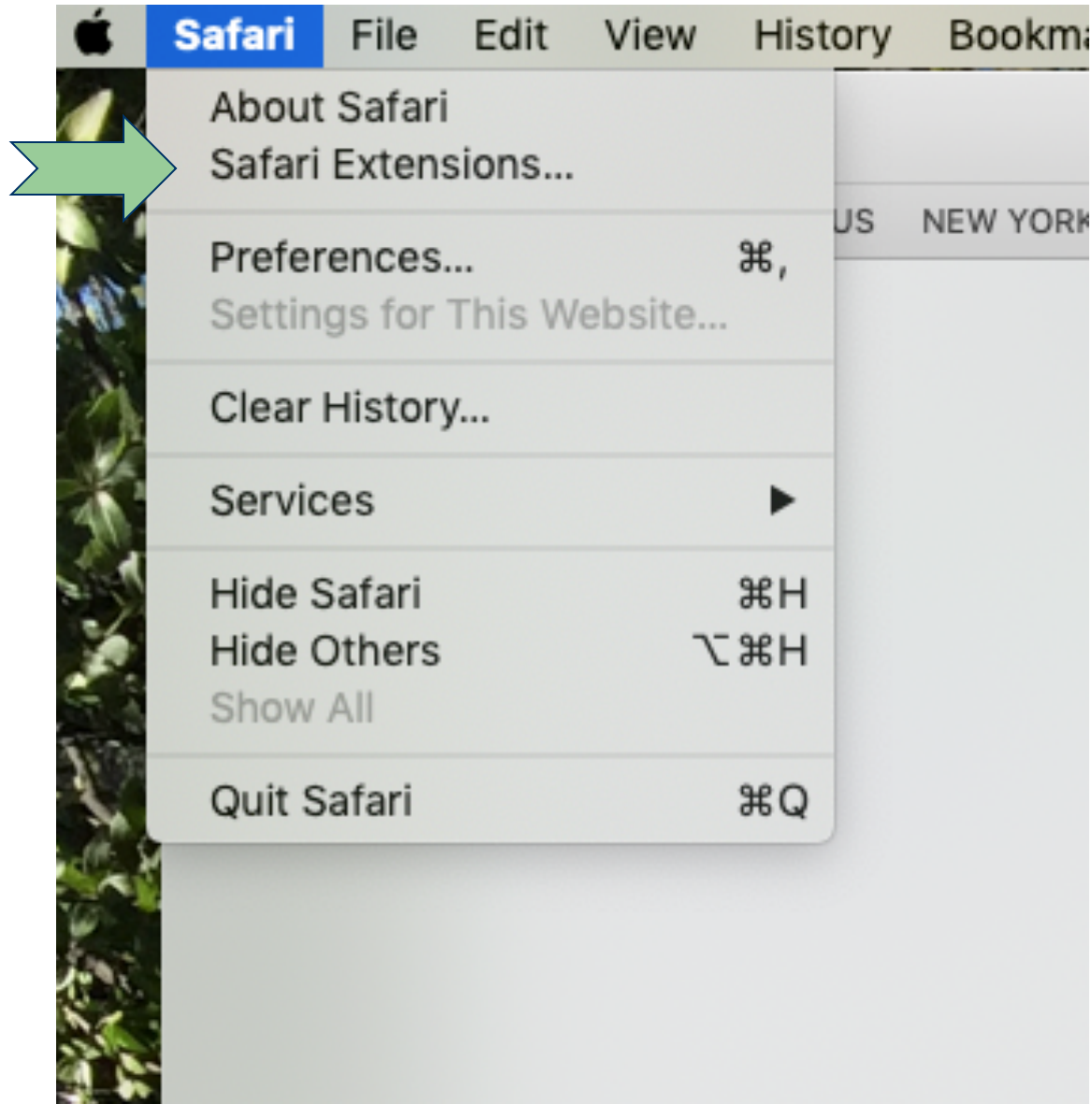
At the top right of the gallery, there are 'Share' and 'Done' buttons. A 'Learn to use Safari Extensions' section with the subtitle 'Level Up Your Browser' and a right-pointing arrow is also visible.

Safari extensions must be obtained from the App store or the Safari Extensions gallery.



# What Extensions Are Available?

## Safari Extensions



# Safari Extensions

GET STARTED

## Safari Extensions



**Safari Extensions** allow Mac users to explore the web exactly the way you want. Find helpful information about a web page, display news headlines, or quickly access and share content to your favorite app and services. To get started, choose Preferences from the Safari menu, select the Extensions tab, and click the checkbox to turn on the extension.

### Learn to use Safari Extensions

Level Up Your Browser



#### Instapaper Save

Save anything. Read anywhere.

GET



#### Save to Pocket

Capture stories for later

GET



#### Ecosia

Plant trees with your searches

GET



#### Grammarly for Safari

Great writing, simplified

GET

In-App Purchases



#### 1Password 7 - Password Manager

Generate & keep passwords safe

GET

In-App Purchases



#### Notebook - Take Notes, Sync

Create Beautiful Notes

GET



#### Honey for Safari



#### Wayback Machine

# Installing Extensions

- Go to the App store or Safari extensions gallery
- “Get” as for any other app
- Safari/preferences/extensions and click in the box to activate

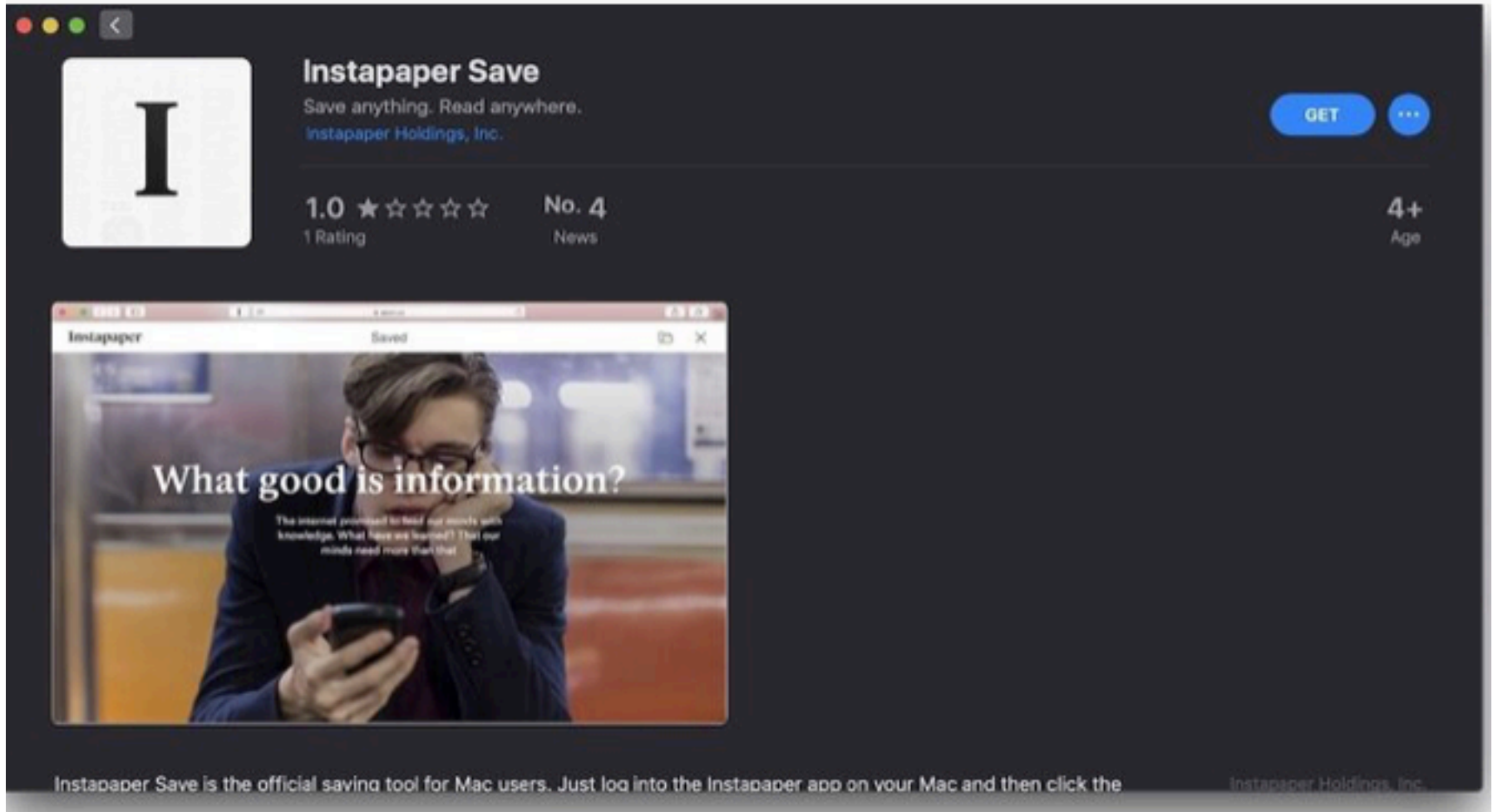
# Popular Browser Extensions

# AdGuard Adblocker

The screenshot shows the App Store page for 'AdGuard for Safari'. On the left is a navigation sidebar with options: Discover, Arcade, Create, Work, Play, Develop, Categories, and Updates. The main content area features the app's icon (a green shield with a white checkmark), the title 'AdGuard for Safari', and the developer 'Adblock and privacy Adblock Software Limited'. It displays a 5.0 star rating from 8 reviews, a ranking of No. 63 in the Utilities category, and an age rating of 4+. Below this is a 'What's New' section with the text: 'In this version, we fix several crashes and address other stability issues. Also, AdGuard for Safari now supports scriptlets (this is a new tool to enhance ad blocking quality)'. To the right of this text is a 'Version History' link and a note that the current version is 1.4.1, released 2 weeks ago. The 'Preview' section contains two screenshots: the first shows the app's interface with the text 'ADGUARD Speed up the loading of web pages', and the second shows the settings screen with the text 'ADGUARD Don't let them track your data'.

Free! Blocks ads (esp. from malicious websites). Blocks tracking pixels. Allows whitelisting.

# Instapaper (or Pocket)



Free! Allows you to save & categorize articles for later reading. Can sync across devices.

# DuckDuckGo

The screenshot shows the App Store page for 'DuckDuckGo Privacy Essentials'. On the left is a dark sidebar with navigation options: Discover, Create, Work, Play, Develop, Categories, and Updates. The main content area features the app's logo (a duck in a red circle), the title 'DuckDuckGo Privacy Essentials', and the tagline 'Privacy, simplified.' by DuckDuckGo, Inc. The app has a 4.5-star rating from 4 reviews and is ranked No. 14 in the Utilities category. A 'GET' button and a three-dot menu are in the top right. A grey banner indicates 'Requires macOS 10.15 or later.' Below this are two promotional cards. The first card, titled 'Privacy, simplified.', shows a hiker with a backpack and a green flag, with text: 'Protect your data as you search and browse in Safari.' The second card, titled 'Block Trackers', shows a blue shield with a green 'B' and icons for Twitter, Facebook, and Google, with text: 'DuckDuckGo Privacy Essentials blocks trackers, preventing those companies from collecting your data.' At the bottom, a paragraph states: 'DuckDuckGo Privacy Essentials bundles the privacy tools you need to seamlessly take control of your personal information and stay more private online by default, no matter where the Internet takes you.' In the bottom right corner, there are links for 'Website' and 'Support'.

Free! Only works with Mac OS Catalina. Extends blocking and provides privacy score for sites.

# Honey

**Honey for Safari**  
Your Smart Shopping Assistant  
Honey

4.8 ★★★★★  
6 Ratings

No. 1  
Lifestyle

4+  
Age

**Join over 10 million members**

"Use Honey to save money on Amazon purchases!"  
**Q&A**

"Saves you heaps of cash and then pays you to shop!"  
**BuzzFeed**

"It's basically just free money!"  
**TIME**

"Become a coupon pro with Honey!"  
**BUSINESS INSIDER**

**Never search for coupon codes again**

Honey automatically applies the best promo codes on over 20,000 sites.

**BEST BUY** **J&J** **Expedia**  
**Target** **GROUPON** **adidas**  
**SEPHORA** **Walmart**

Automatically find and apply the best coupon code at checkout. One click and Honey searches the internet for promo codes and applies the best one for you on thousands of popular shopping sites.

more

Honey  
Website   
Support

Free! Coupon aggregator. Saves \$\$s at checkout when you buy online.



# Rakuten (formerly ebates)

The screenshot shows the Rakuten Ebates Cash Back app interface. At the top left, there is a red 'Save' button and a back arrow. The main header features a large purple 'R' logo, the text 'Rakuten Ebates Cash Back', and 'Cash Back + Coupons'. A 'GET' button and a menu icon are on the right. Below the header, there are five stars with the text 'Not Enough Ratings', 'No. 11 Lifestyle', and '4+ Age'. The main content area is split into two panels. The left panel shows a computer monitor displaying a Nike shoe product page with a 'Save \$11.96' badge and a 'Get this for \$90' button. The right panel shows a computer monitor displaying search results for shoes with various cash back offers like 'Plus 3% Cash Back Shoes - Shoestyles' and 'Plus 6% Cash Back Shoes | Groupon'. At the bottom, there is a 'Cash Back + Coupons' section with a link to terms and conditions and 'Website' and 'Support' links.

Save

## Rakuten Ebates Cash Back

Cash Back + Coupons  
Rakuten

☆☆☆☆☆  
Not Enough Ratings

No. 11  
Lifestyle

4+  
Age

With our Price Magic feature, you'll always get the **lowest price.**

Save \$11.96

Price \$79.95  
2% Cash Back -\$1.52  
Your Price \$73.00

Get this for \$90

Plus 3% Cash Back Shoes - Shoestyles  
www.shoestyles.com

Women's Shoes | T.J. Maxx  
www.tjmaxx.com

Plus 6% Cash Back Shoes | Groupon  
www.groupon.com

Compare Cash Back rates right on the search results page.

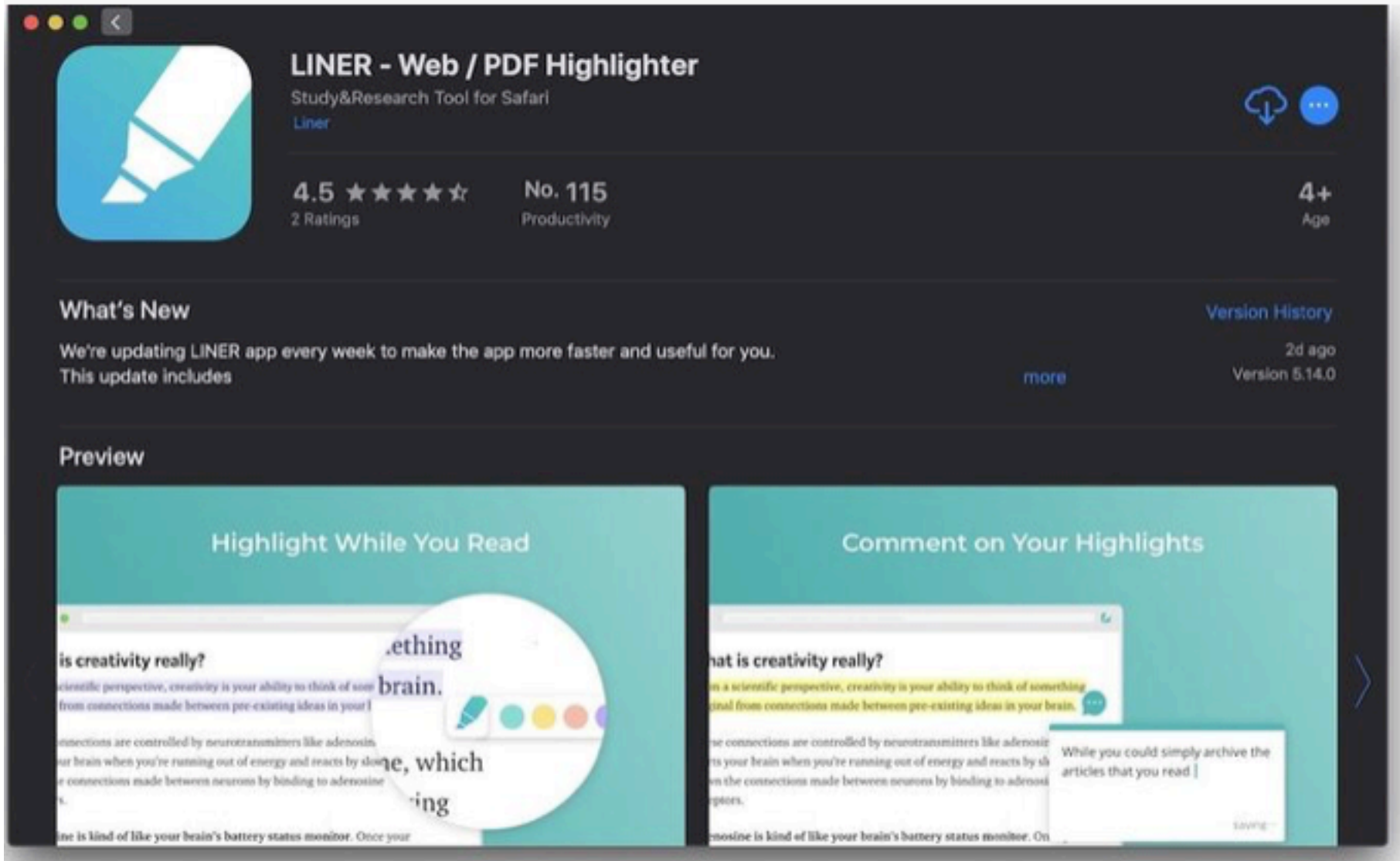
Cash Back + Coupons

By clicking Get you agree to the additional Rakuten Ebates Extension Terms & Conditions:  
<https://www.rakuten.com/help/article/ebates-cash-back-shopping-program-terms-360002101668>

Rakuten  
Website  
Support

Free! Offers coupons and cashback when you buy online. Sends \$\$ periodically.

# Liner – Web/PDF Highlighter



Free! Allows you to share/save content with key items highlighted.

# Ghostery Lite

The screenshot shows the App Store page for Ghostery Lite. At the top left is the app's icon, a white ghost with a blue smile. To its right, the title "Ghostery Lite" is displayed in bold, followed by the tagline "Fast, simple, safe browsing" and the developer "Ghostery, Inc.". A blue "GET" button and a three-dot menu icon are in the top right. Below the title, the app has a 4.6 star rating from 5 reviews and is ranked No. 24 in the Utilities category. An age rating of 4+ is shown in the bottom right. The main content area features two promotional cards. The left card shows a laptop and a monitor displaying a website, with the text "Ghostery Lite : Ad & tracker blocking designed to optimize your Safari browsing experience". The right card shows a browser window with the Ghostery Lite extension interface, displaying a page load time of 0.23 seconds and a "Trust Site" button. At the bottom, there is a descriptive paragraph about the app's features and links for the website and support.

**Ghostery Lite**  
Fast, simple, safe browsing  
Ghostery, Inc.

4.6 ★★★★★  
5 Ratings

No. 24  
Utilities

4+  
Age

Ghostery Lite : Ad & tracker blocking designed to optimize your Safari browsing experience

Check page performance, pause Lite, trust a site and switch to your custom settings with a single click.

Ghostery Lite for Safari provides fast, simple and safe browsing.

Ghostery Lite for Safari provides fast, simple and safe browsing. It protects your privacy online by stopping trackers from accessing your personal data and blocks ads to keep the websites you visit clutter free. It delivers the tracking protection our users have come to know and love but with minimizing the need for customization or maintenance. We created tailored

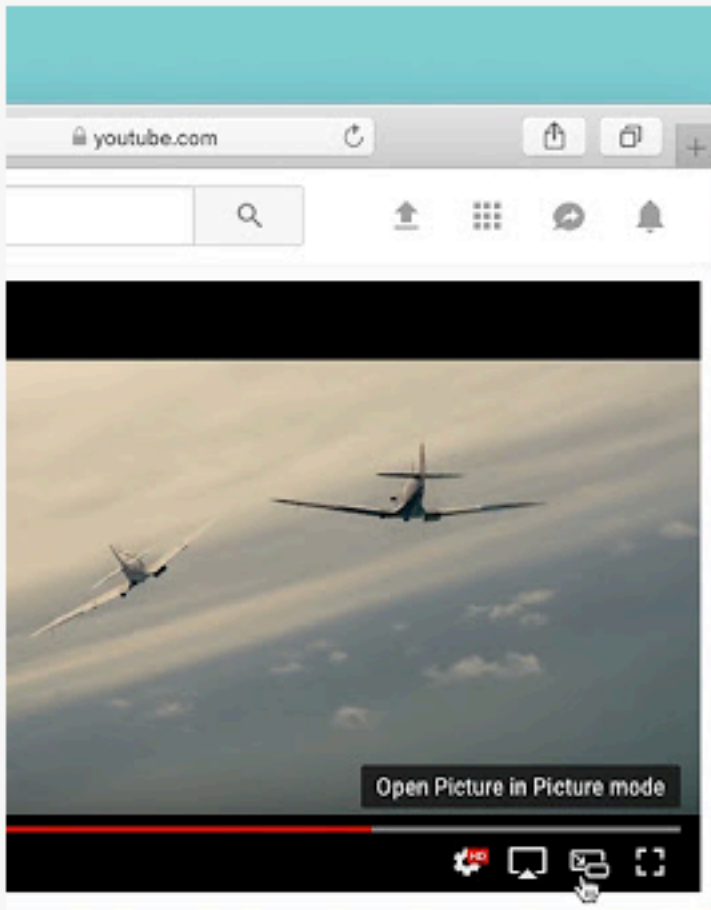
Ghostery, Inc.  
Website  
Support

Free! Blocks tracking and ads without slowing down your browsing.

# PiPer

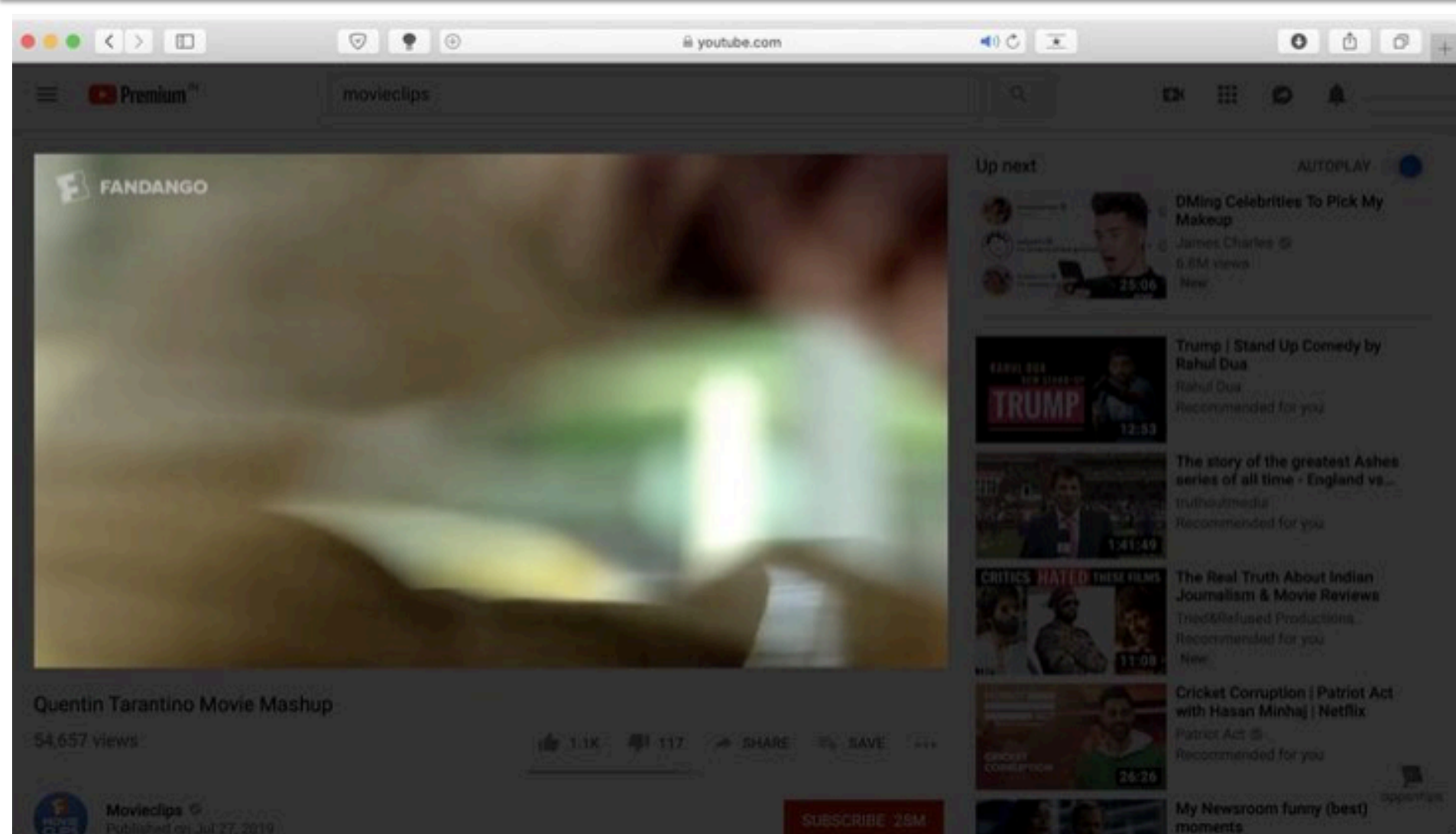
Watch web videos  
in Picture-in-Picture  
mode

PiPer is a browser extension  
that adds a button to web  
video that allows you to open  
Picture-in-Picture mode



Free! Adds picture in picture button to Youtube, Netflix, etc.

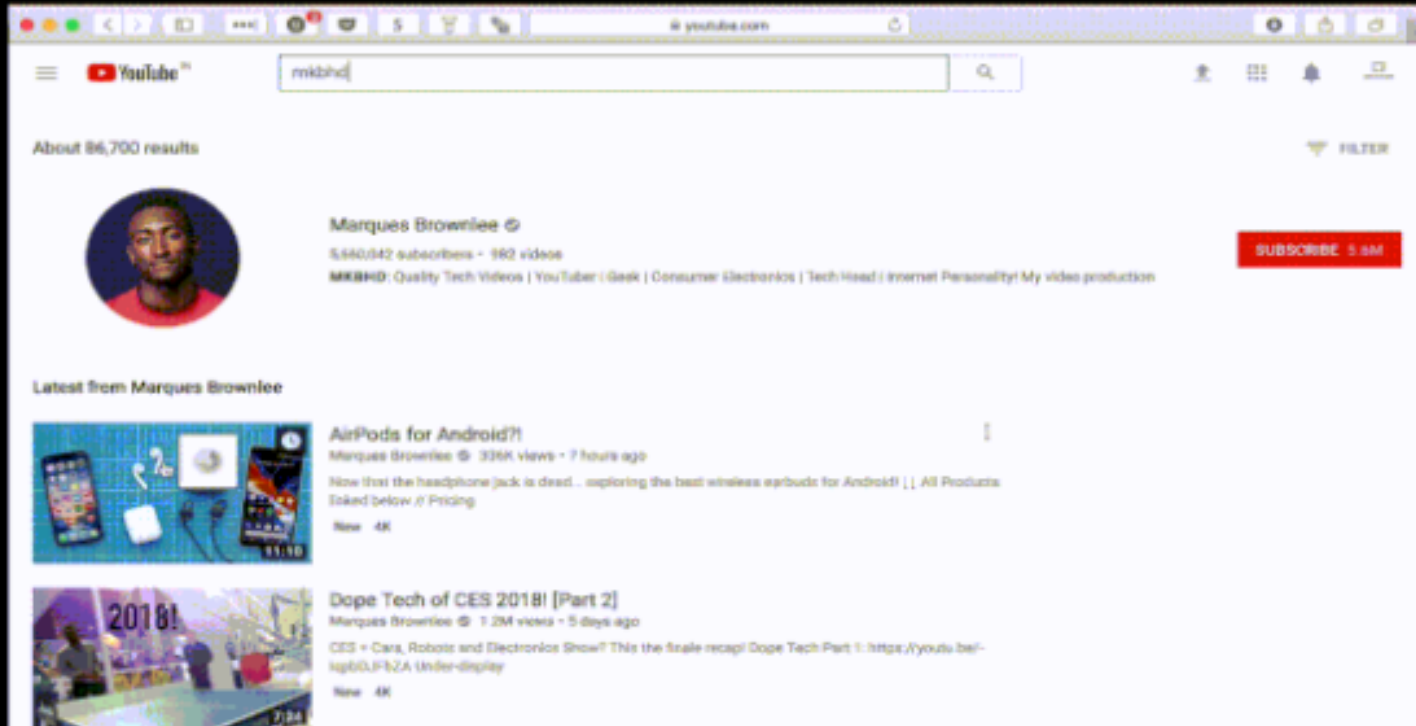
# Turn Out the Lights



Free! Blurs out “stuff” surrounding picture with Youtube, other streaming websites.



# HoverSee



\$7.99! You hover over potential content and the app lets you preview the content.

# Raindrop.io



## Raindrop.io for Safari

All in one bookmark manager  
Rustem Mussabekov

In-App  
Purchases

GET



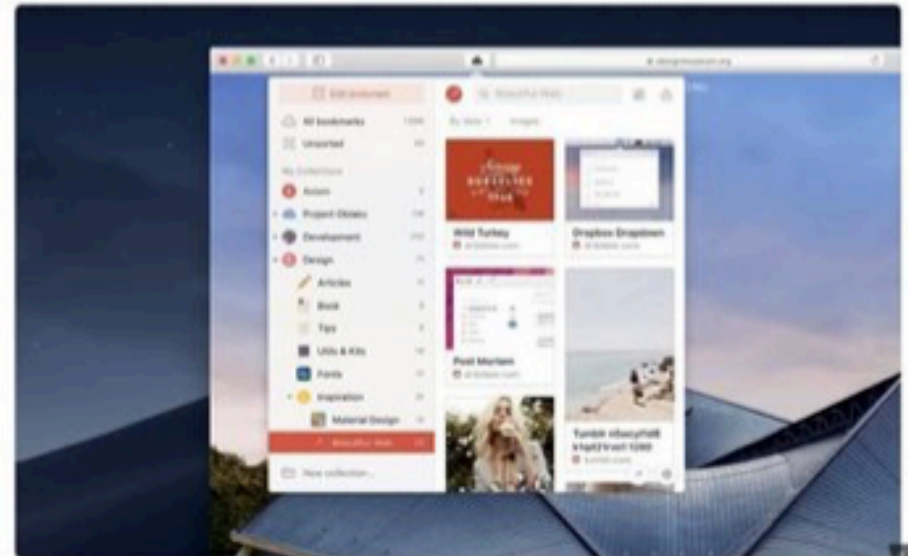
Not Enough Ratings

No. 92

Productivity

4+

Age



If you have any issues please check here [https://help.raindrop.io/mac\\_safari](https://help.raindrop.io/mac_safari)

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Free! Bookmark organizer

# 1Password

The screenshot shows the App Store page for 1Password 7 - Password Manager. The app is by AgileBits Inc. and is available for purchase. It has a 4+ age rating and is ranked No. 40 in the Productivity category. The app features 22 ratings and is an Editors' Choice. The main image shows the app's interface, which includes a sidebar with categories like Logins, Secure Notes, Credit Cards, and Passwords. The main content area displays a list of saved passwords, with the Air Canada entry selected. The app's logo, a keyhole, is prominently displayed in the top left corner of the app's interface.

**1Password 7 - Password Manager**  
Generate & keep passwords safe  
AgileBits Inc.

In-App Purchases **GET**

★★★★☆  
22 Ratings

Editors' Choice  
Apps

No. 40  
Productivity

4+  
Age

**1Password keeps you safe online.**

**Secure by design.**  
*It's not just a feature, it's our foundation.*

appsnips

Well known password manager extension for Safari



# Guess the Board Member

1. John Acquavella
2. Sondra Bradshaw
3. John Carter
4. Frank Croft
5. Art Gorski
6. Jim Romaine



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Gleb Semenov | Dreamstime.com

Rules: Keep a score sheet. Honor system. If you get 6/6 or 5/6 correct let us know via the chat window. The first 4 with the highest scores will receive prizes. Indicate preference for prizes.

# Profile 1 – “Privacy & security”

The screenshot shows the Safari Extensions preferences window. The title bar reads "Extensions". The menu bar includes: General, Tabs, AutoFill, Passwords, Search, Security, Privacy, Websites, Extensions (highlighted), and Advanced. The main content area is divided into two panes. The left pane lists installed extensions with checkboxes: 1Password (checked), Adblock Engine (checked), Adblock Icon (checked), and three instances of Ghostery Lite Con... (checked). The right pane displays details for the 1Password 7.4.3 extension, including an "Uninstall" button and a list of permissions: Webpage Contents (Can read sensitive information from webpages, including passwords, phone numbers, and credit cards on: all webpages) and Browsing History (Can see when you visit: all webpages). A "More Extensions..." button and a help icon are at the bottom right.

Extensions

General Tabs AutoFill Passwords Search Security Privacy Websites Extensions Advanced

1Password

Adblock Engine

Adblock Icon

Ghostery Lite Con...

Ghostery Lite Con...

Ghostery Lite Con...

Ghostery Lite Saf...

**1Password 7.4.3** from 1Password 7

Easy Access to Your Logins, Credit Cards and Identities.

Uninstall

Permissions for "1Password":

**Webpage Contents**

Can read sensitive information from webpages, including passwords, phone numbers, and credit cards on:

- all webpages

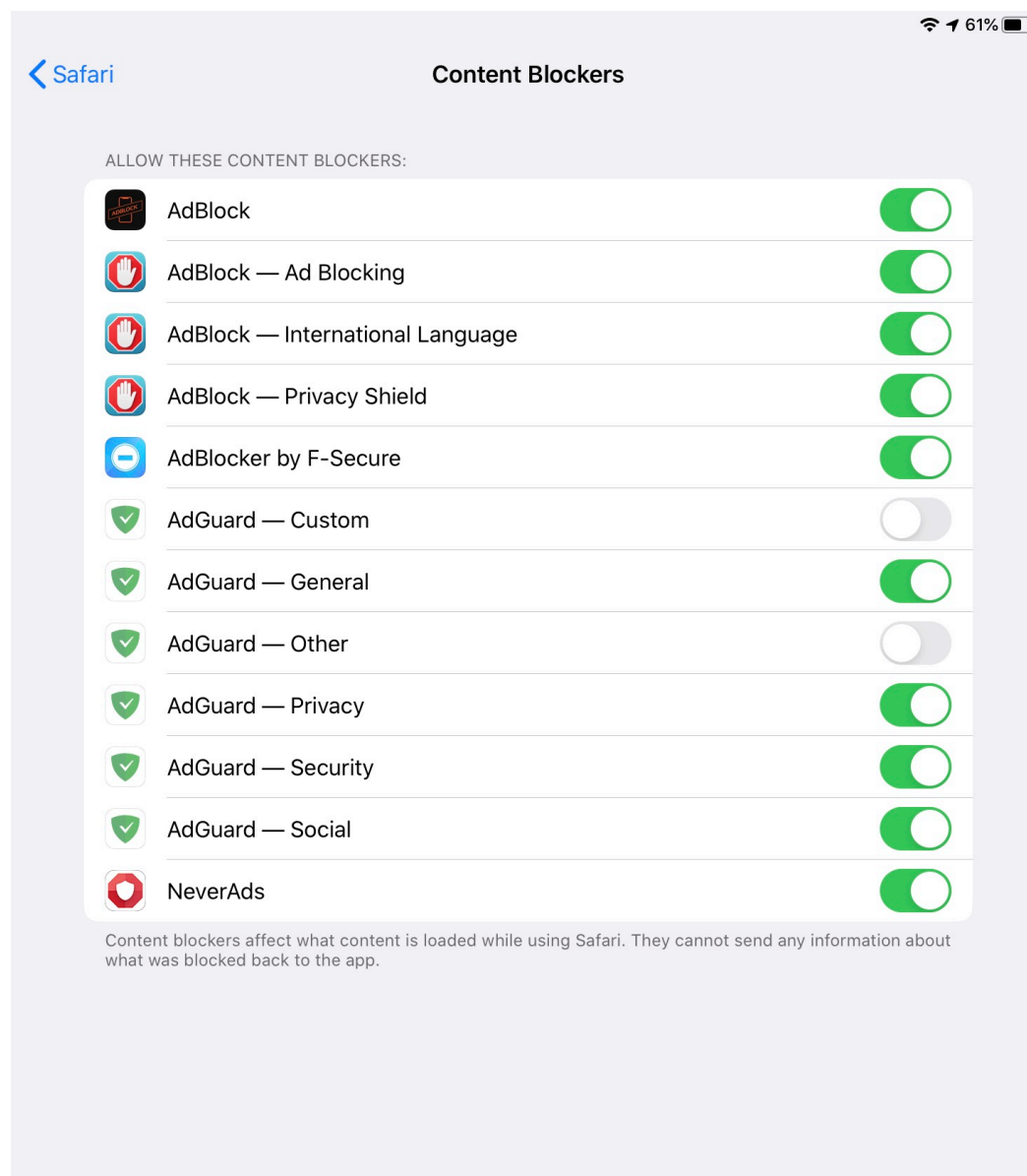
**Browsing History**

Can see when you visit:

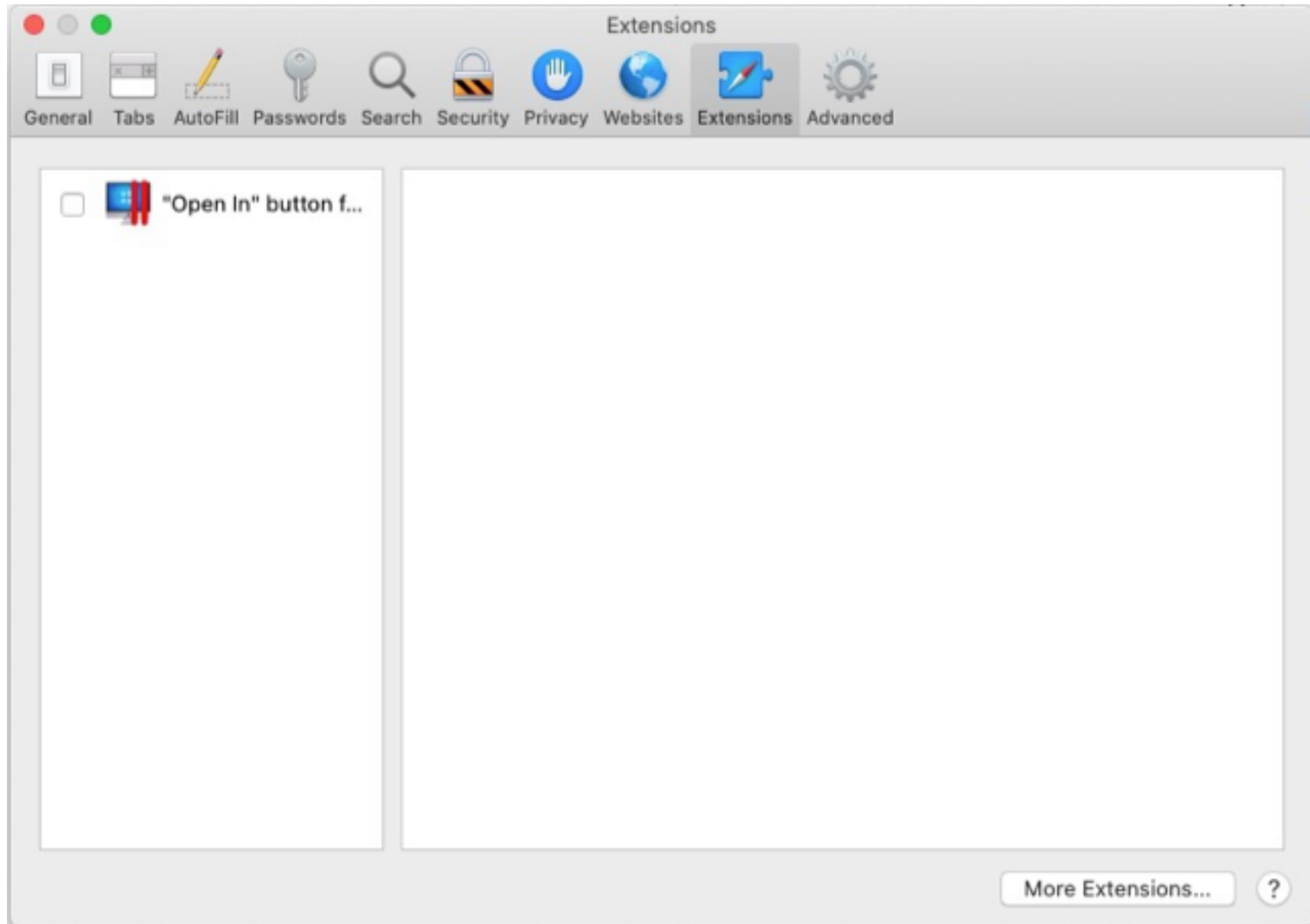
- all webpages

More Extensions... ?

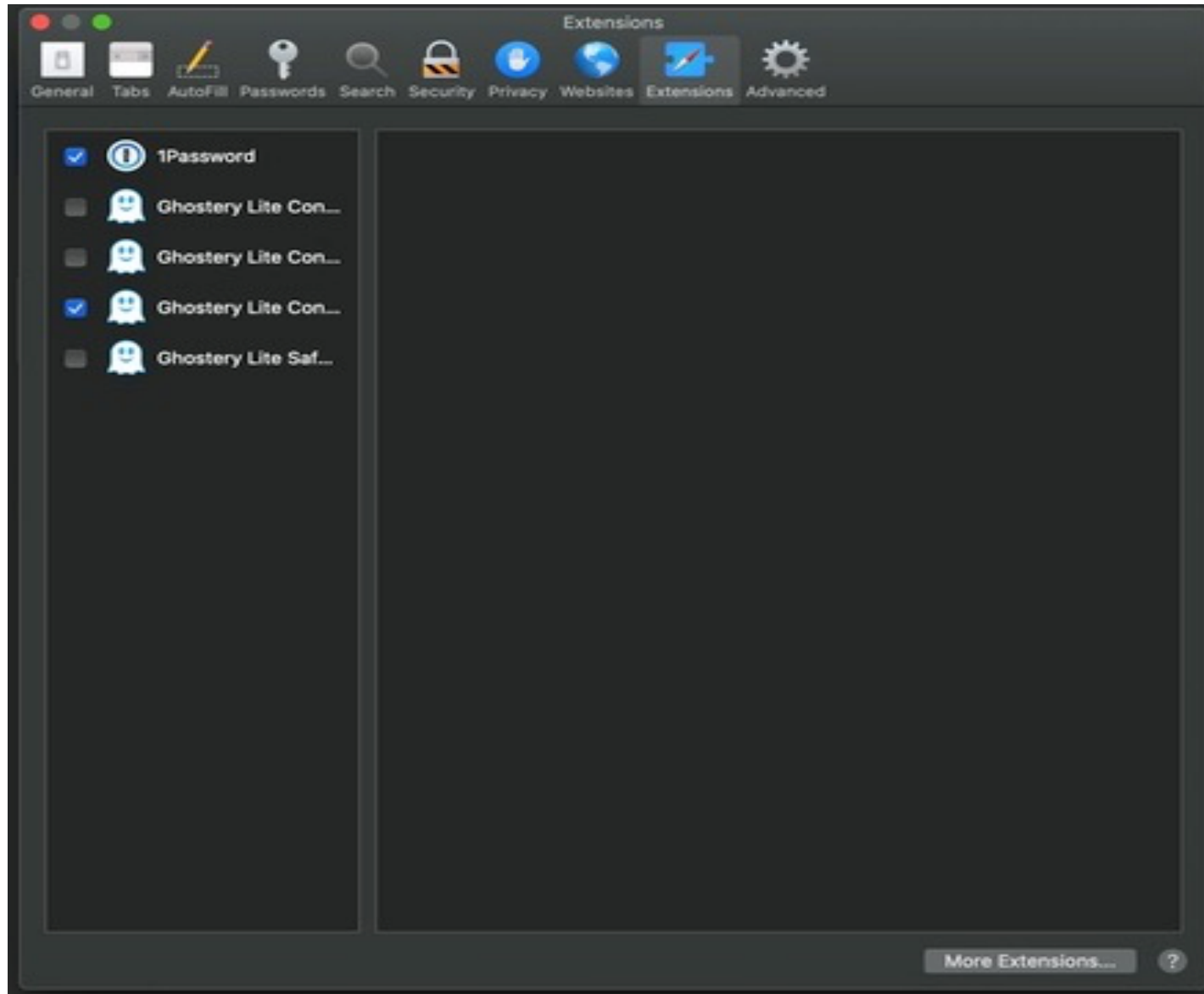
# Profile 2 – “Leave me alone”



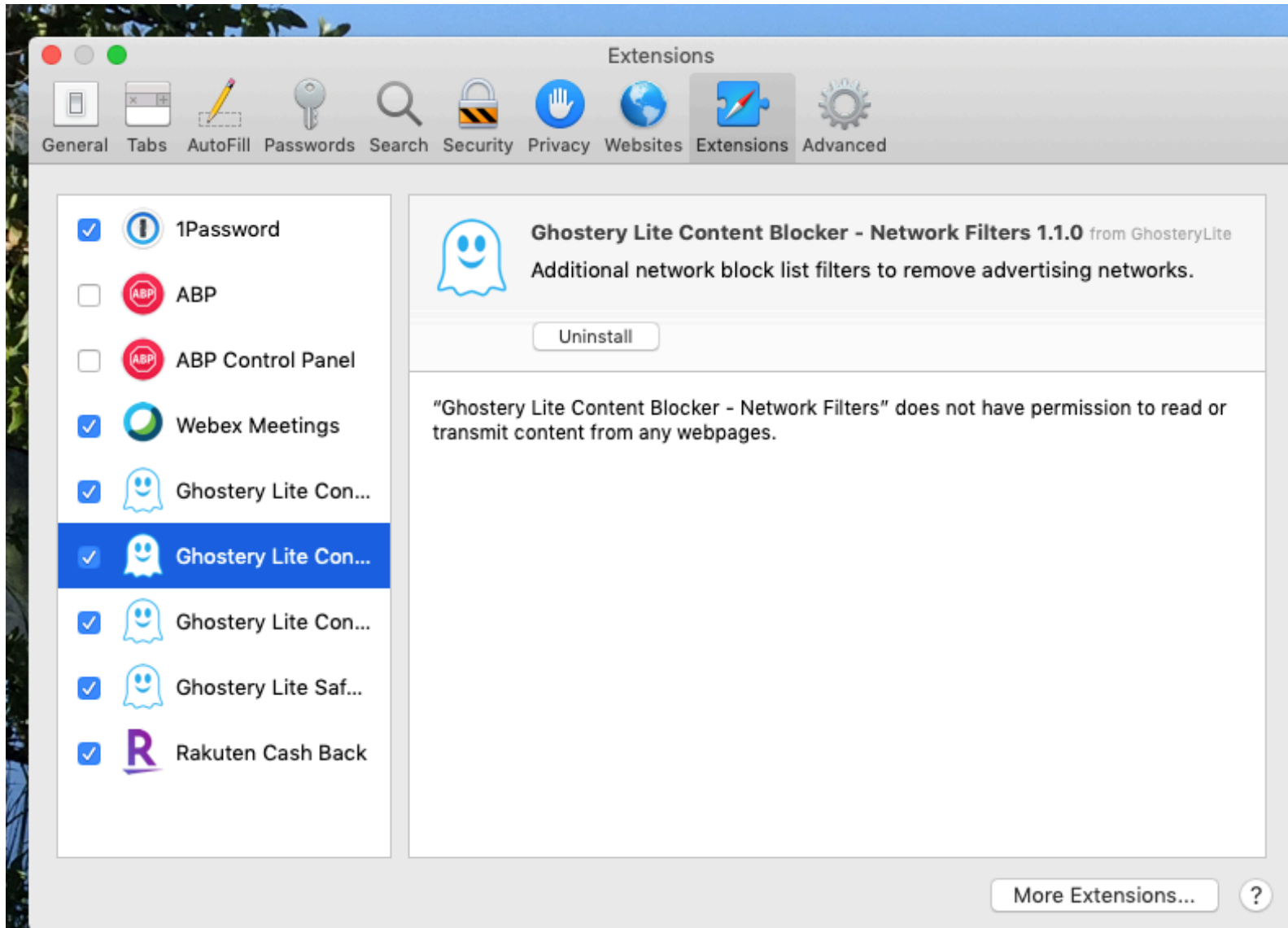
# Profile 3 – “Bare Bones”



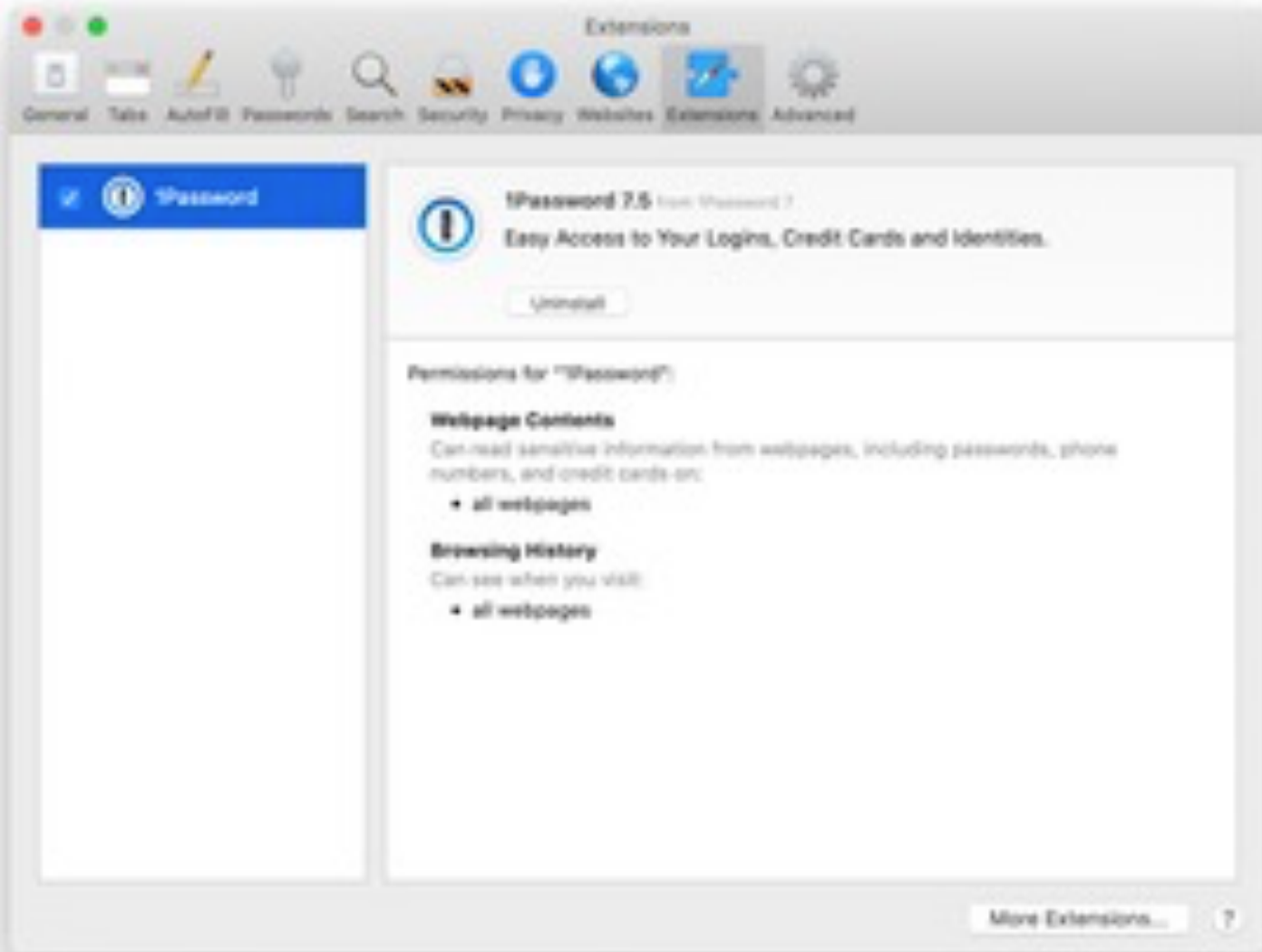
# Profile 4 – “Light touch”



# Profile 5 – “Privacy & Cash Back”



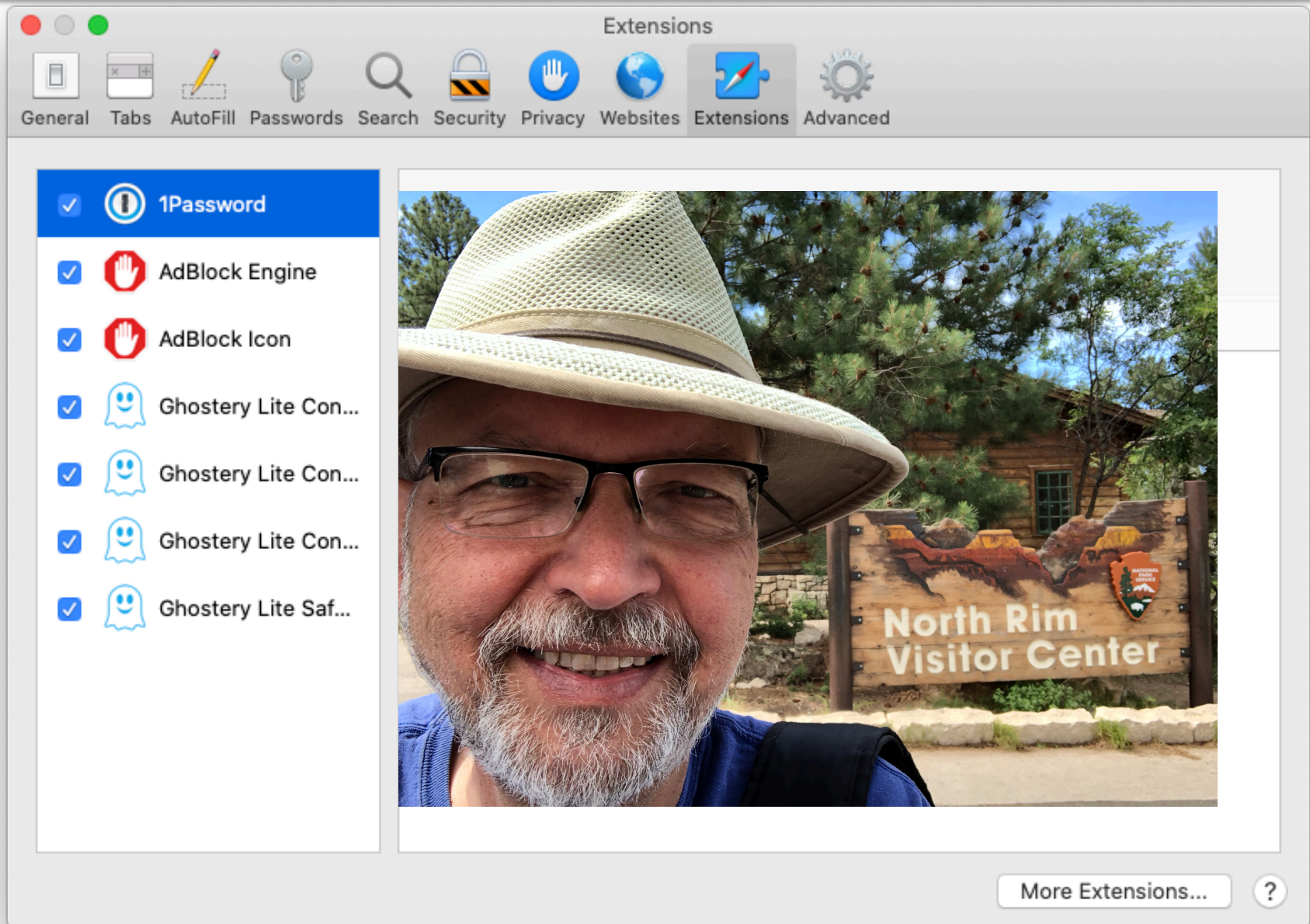
# Profile 6 – “I’m a minimalist”



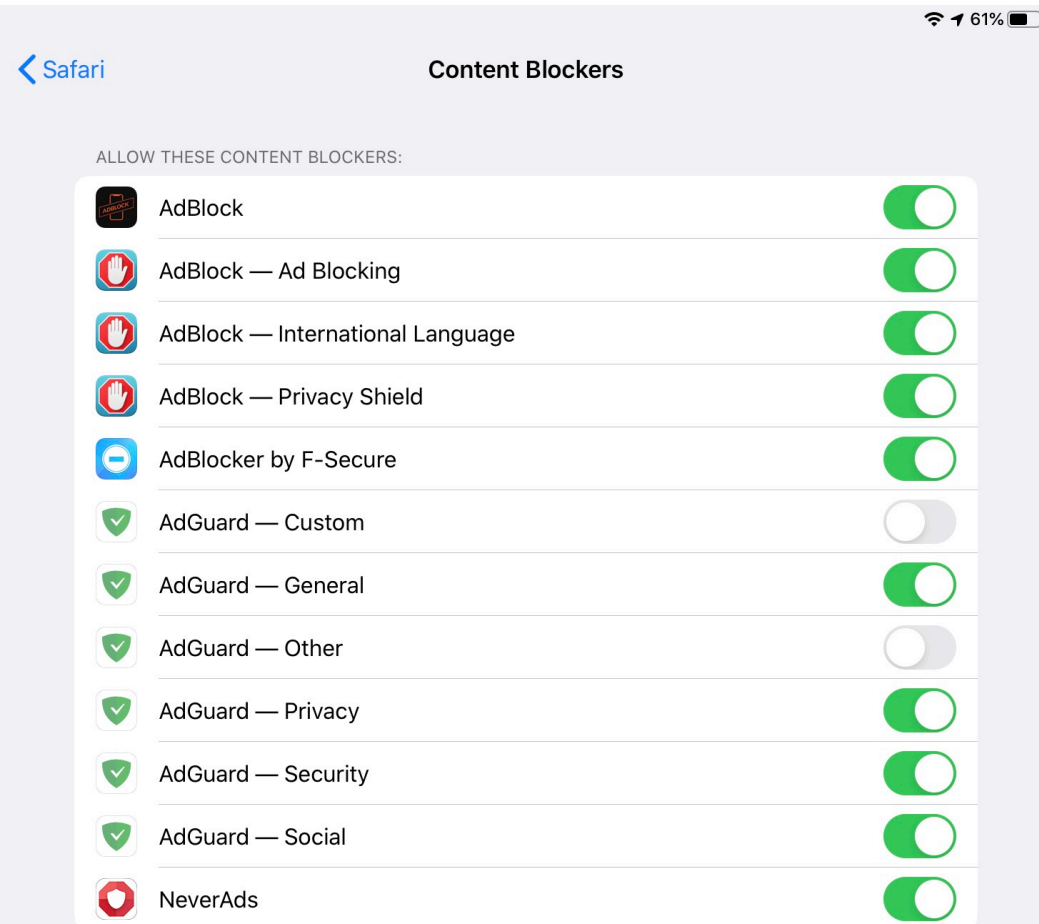
# Identities Revealed



# Profile 1 – “Privacy & Security”



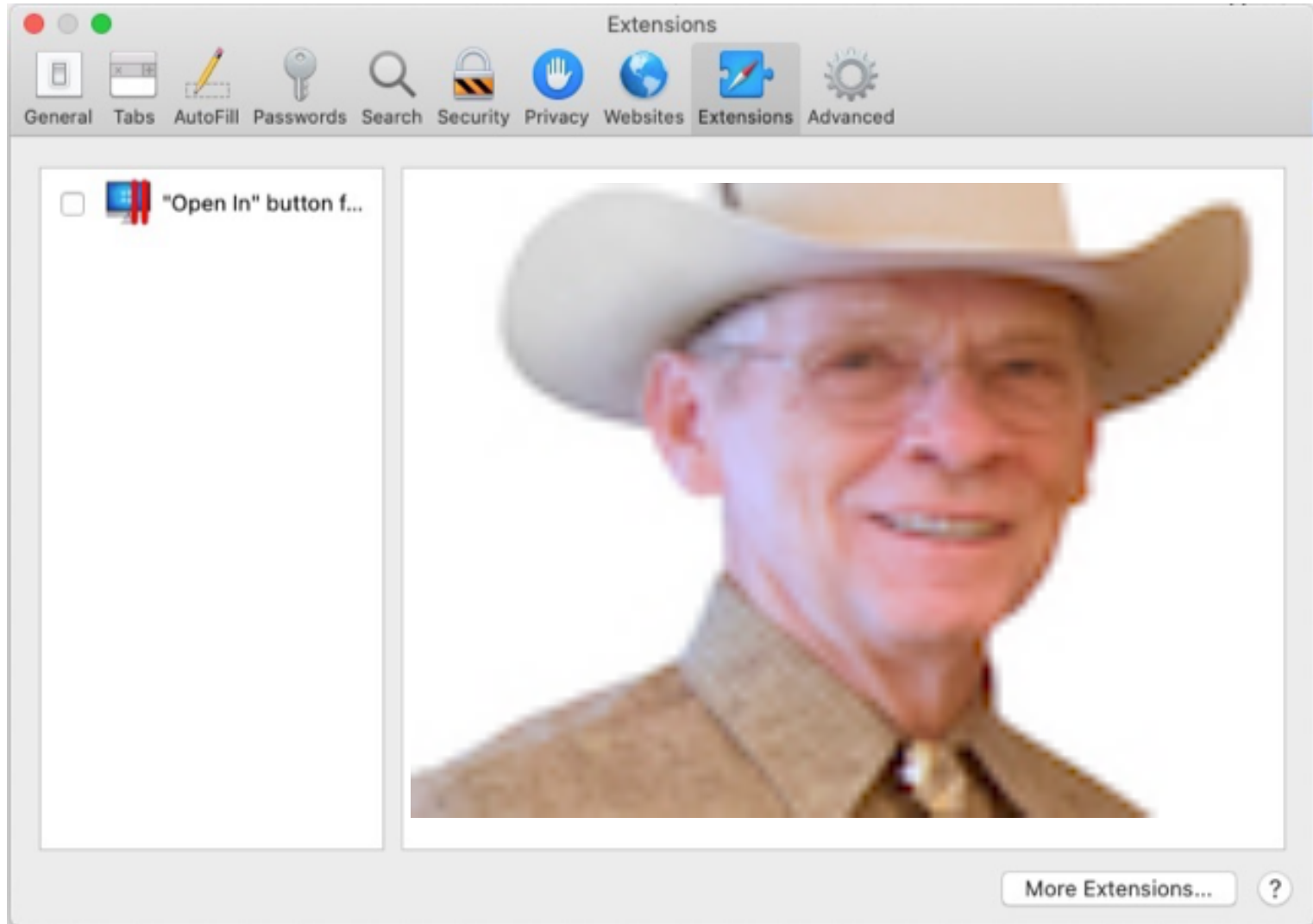
# Profile 2 – “Leave me alone”



Content blockers affect what content is loaded while using Safari. They cannot send any information about what was blocked back to the app.

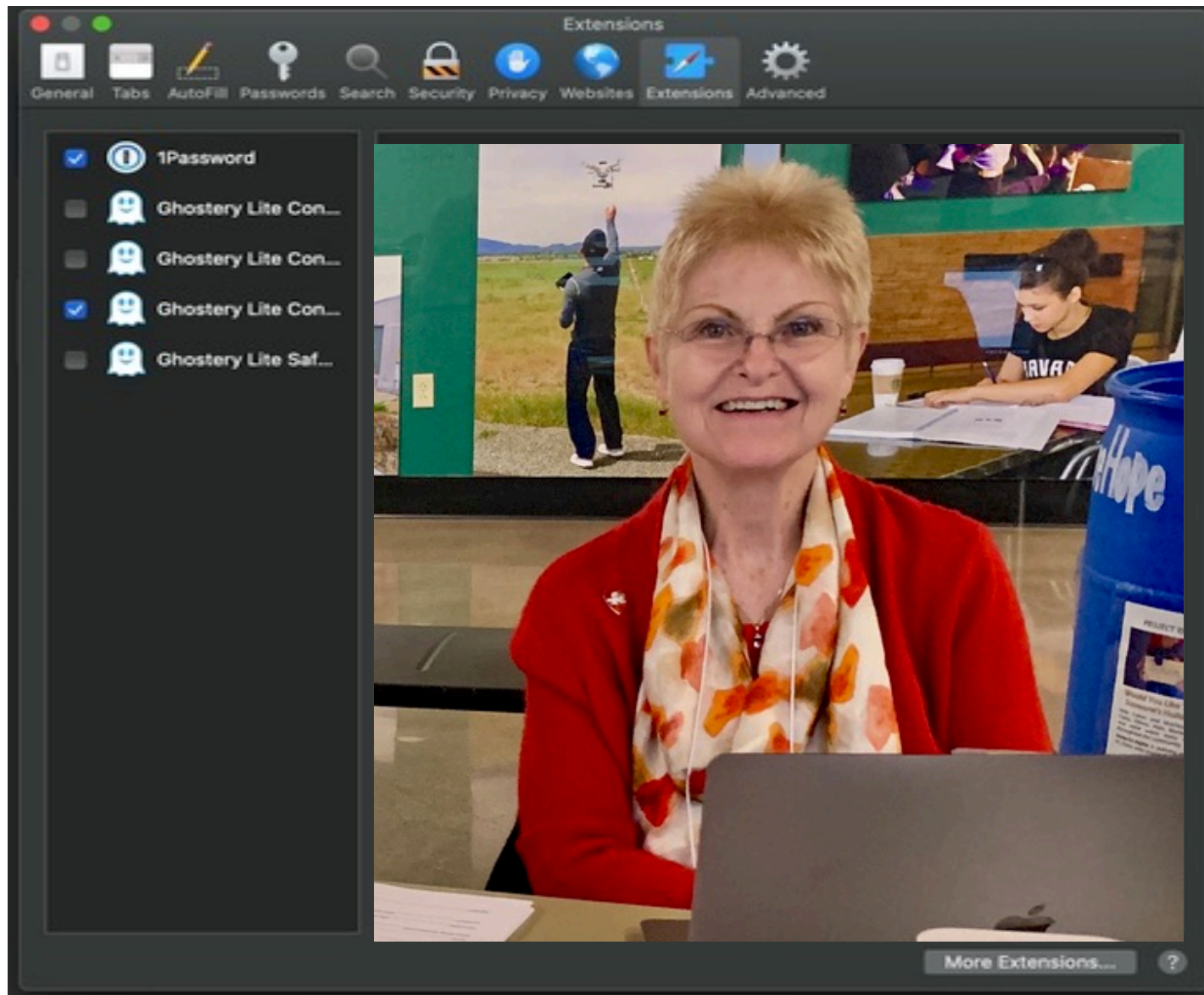


# Profile 3 – “Bare Bones”

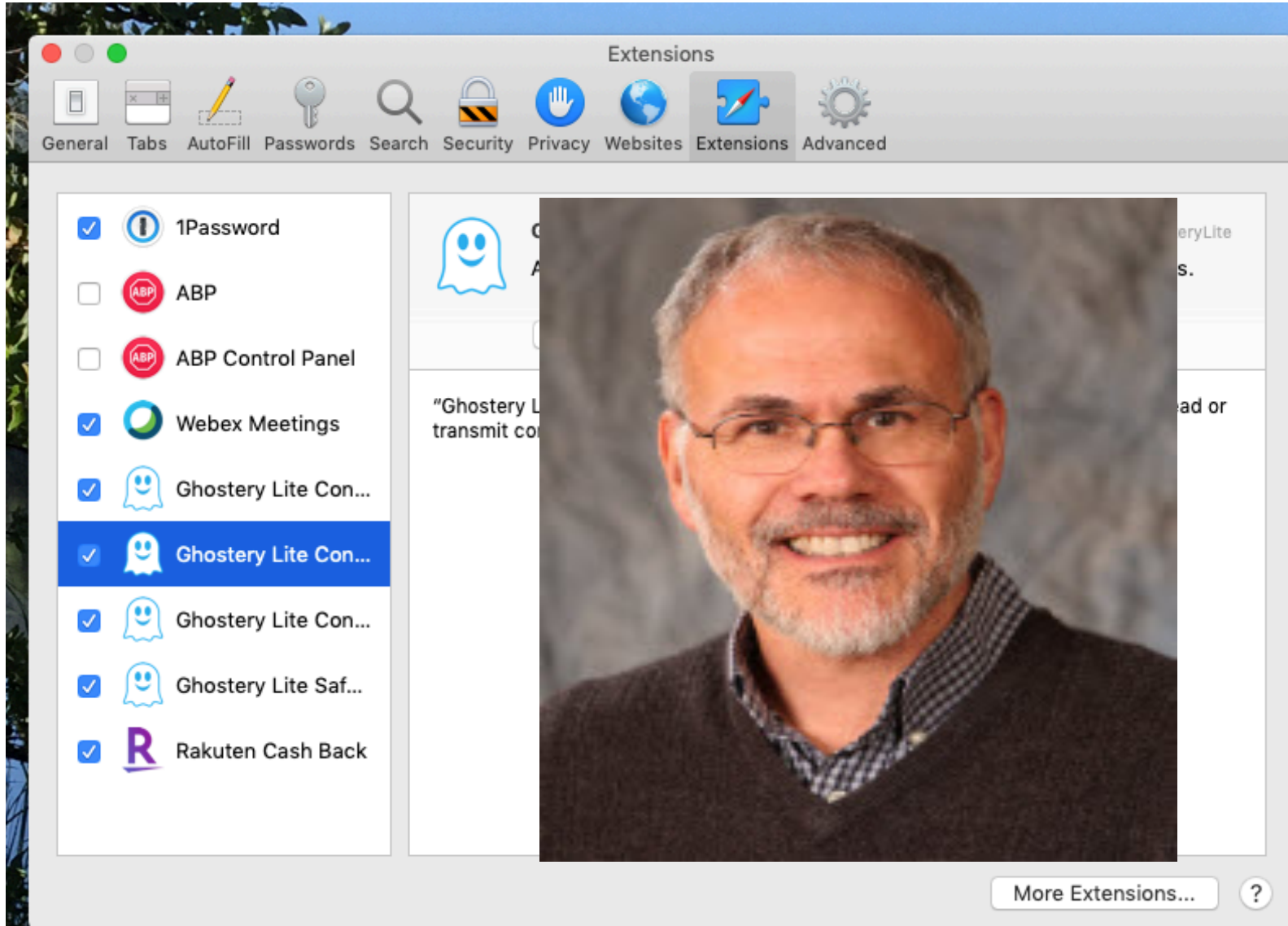




# Profile 4 – “Light touch”



# Profile 5 – “Privacy & Cash Back”



# Profile 6 – “I’m a minimalist”



# Winners

- If you have 6/6 or 5/6 communicate score via chat
- Indicate preference; Staples, iTunes, or Take Control book (2)
- First 4 highest scores received will be winners