AWS STATIC HOSTING WITH A DOMAIN NAME

1. To purchase a domain name, visit https://www.godaddy.com/ and search for your preferred Domain Name in the search bar.
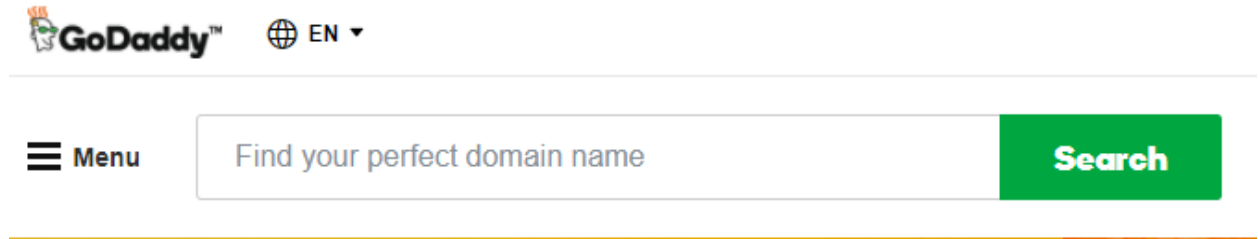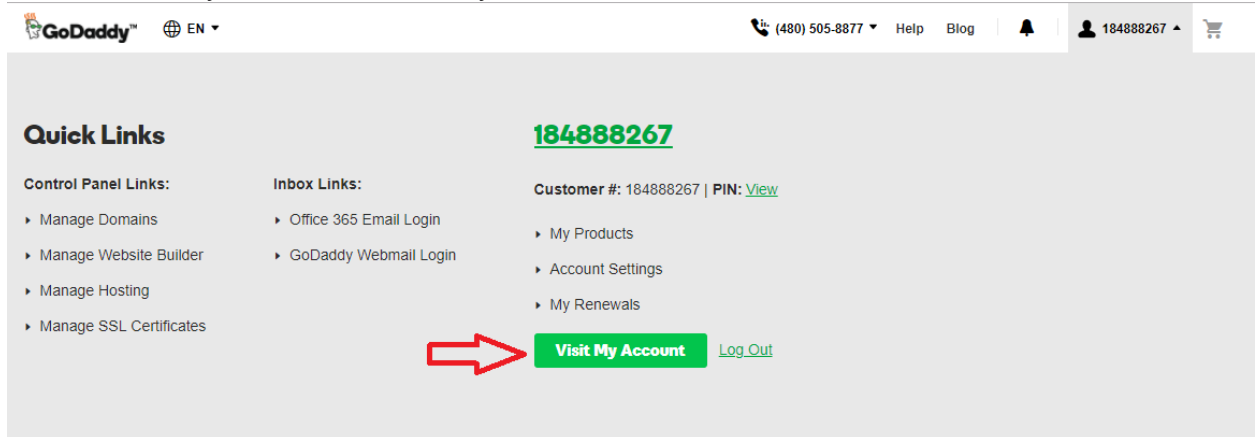

2. Choose which domain you would like to purchase and add it to your cart
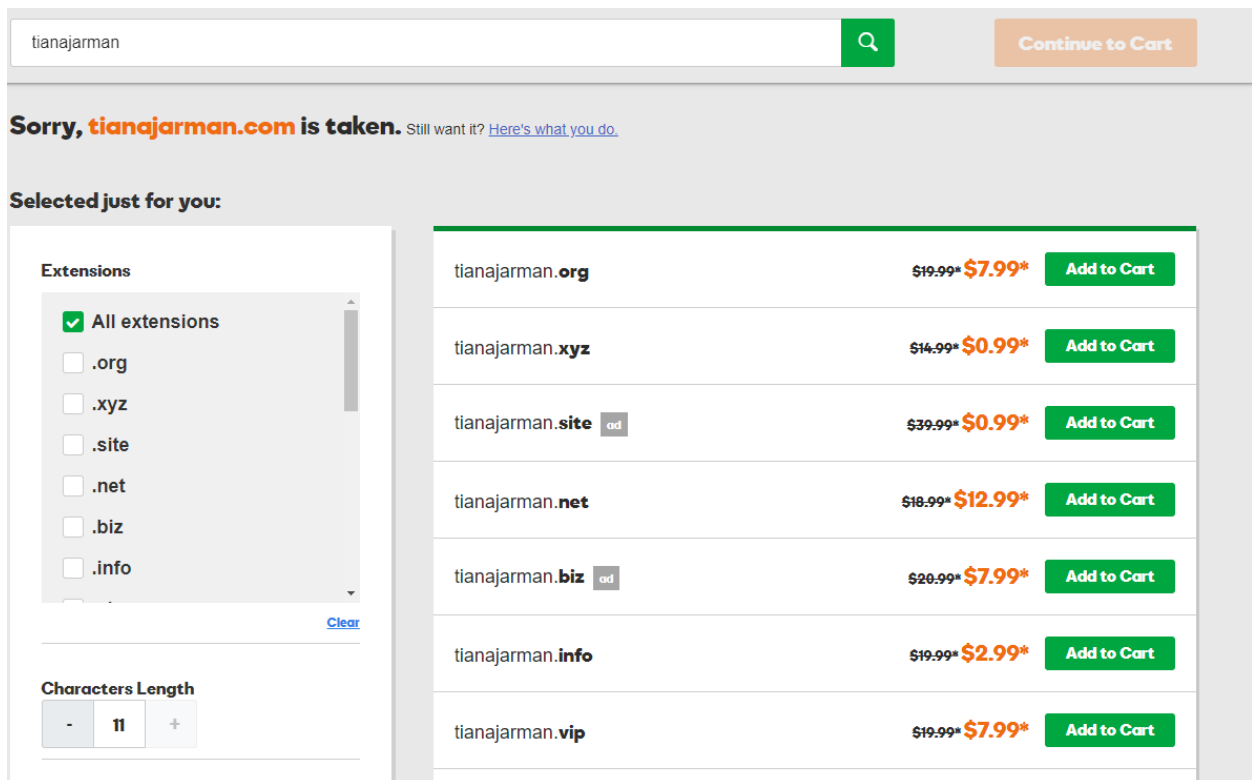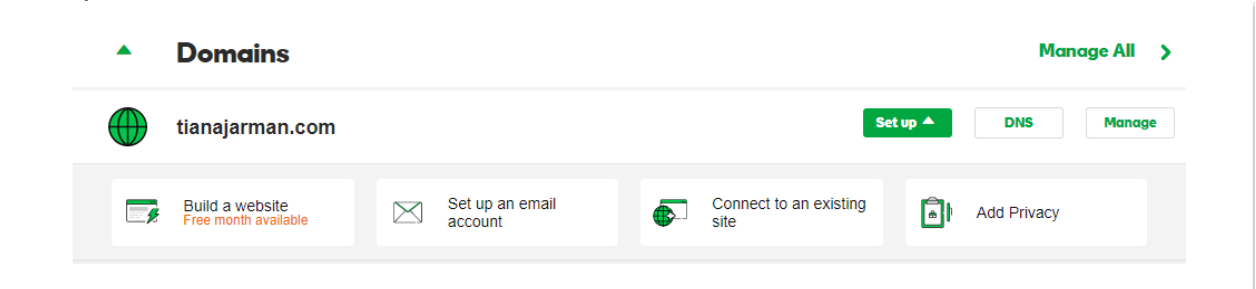

3. Fill in your billing and credit card information to complete the purchase, and then complete your purchase.

4. This is the end of the domain purchase procedure. You can see your new domain when you click on Visit My Account.
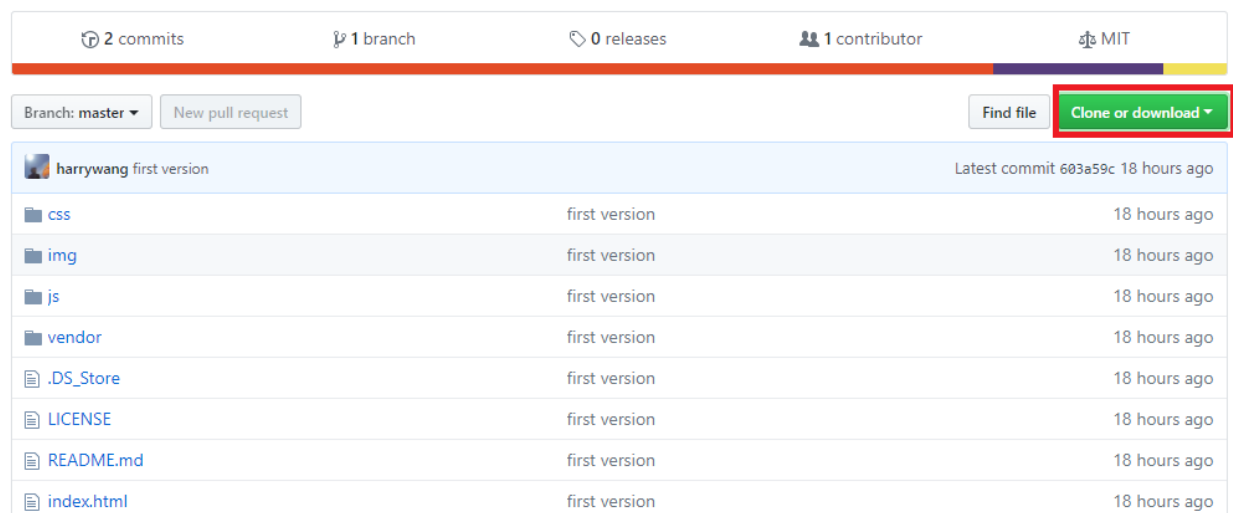

5. Your purchased domain will be listed under the **Domains** section.

6. Now it's time to link your new domain to a static AWS site. We will be using a resume template created by Bootstrap. Visit https://github.com/udmis/resume to retrieve the repository.

7. Click the green Clone or Download button and copy the URL of the repository

8. Open your PowerShell (Windows) or your Terminal (Mac), and clone the repository to your local computer using **git clone**.

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

PS C:\Users\Tiana> git clone https://github.com/udmis/resume.git
```

9. You should now have a new folder in your root directory called **resume**.

```
PS C:\Users\Tiana> cd resume
PS C:\Users\Tiana\resume> dir


    Directory: C:\Users\Tiana\resume


Mode                LastWriteTime         Length Name
----                -------------         ------ ----
d-----        4/17/2018   11:51 PM                css
d-----        4/17/2018   11:51 PM                img
d-----        4/17/2018   11:51 PM                js
d-----        4/17/2018   11:51 PM                vendor
-a----        4/17/2018   11:51 PM          12292 .DS_Store
-a----        4/17/2018   11:51 PM          14018 index.html
-a----        4/17/2018   11:51 PM           1114 LICENSE
-a----        4/17/2018   11:51 PM           1486 README.md


PS C:\Users\Tiana\resume>
```
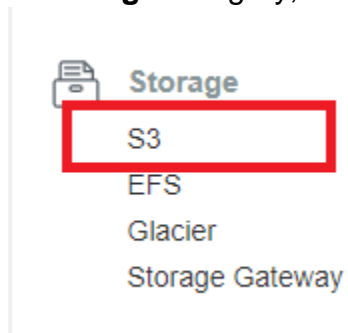
10. Now that we have the site that we wish to host. Let's navigate to AWS to create a new bucket. Follow this link: https://aws.amazon.com/education/awseducate/ and hover over My Account in the top right corner to select AWS Management Console.
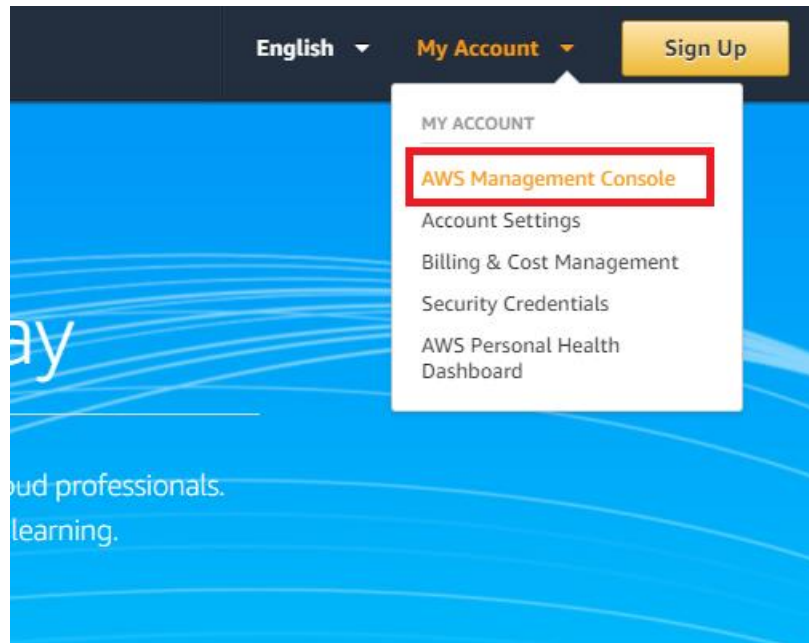
11. Sign in with your AWS credentials if necessary, and then you'll see you AWS dashboard. Under the **Storage** category, click **S3**.

12. Click **Create Bucket** and under 'Bucket name' type out the root domain name. Change your region to US East (N. Virginia) and then click Next.

13. Leave the Properties as they are, click Next.

14. Under Set Permissions, ensure that you grant public read access to everyone. Everything else stays the same. Click Next, make sure the Review page is

accurate, and then click Create Bucket

Create bucket

✓ Name and region   ✓ Set properties   ③ **Set permissions**   ④ Review

Manage users

User ID ⓘ	Objects ⓘ	Object permissions ⓘ	
tjarman(Owner)	☑ Read ☑ Write	☑ Read ☑ Write	✕

Access for other AWS account   **➕ Add account**

Account ⓘ	Objects ⓘ	Object permissions ⓘ

Manage public permissions

Grant public read access to this bucket   ⌄
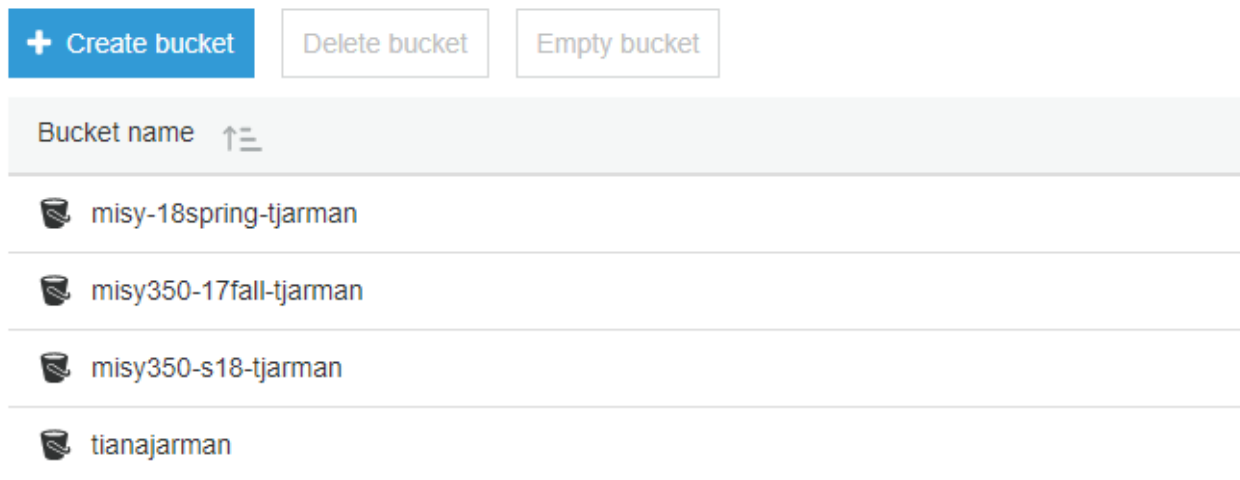
⚠ **This bucket will have public read access.**
Everyone in the world will have read access to this bucket.

Manage system permissions

Do not grant Amazon S3 Log Delivery group write access to this bucket   ⌄

Previous   **Next**

15. You should now have a new bucket named after your root domain name.

+ Create bucket   Delete bucket   Empty bucket

Bucket name ↑≡

🪣 misy-18spring-tjarman

🪣 misy350-17fall-tjarman

🪣 misy350-s18-tjarman

🪣 tianajarman

16. Click the bucket and then click the Upload button so that we can upload the resume template site. Dragging and dropping the contents from the **resume** folder is the easiest method. Click next when everything has been dragged over to AWS from your File Explorer.
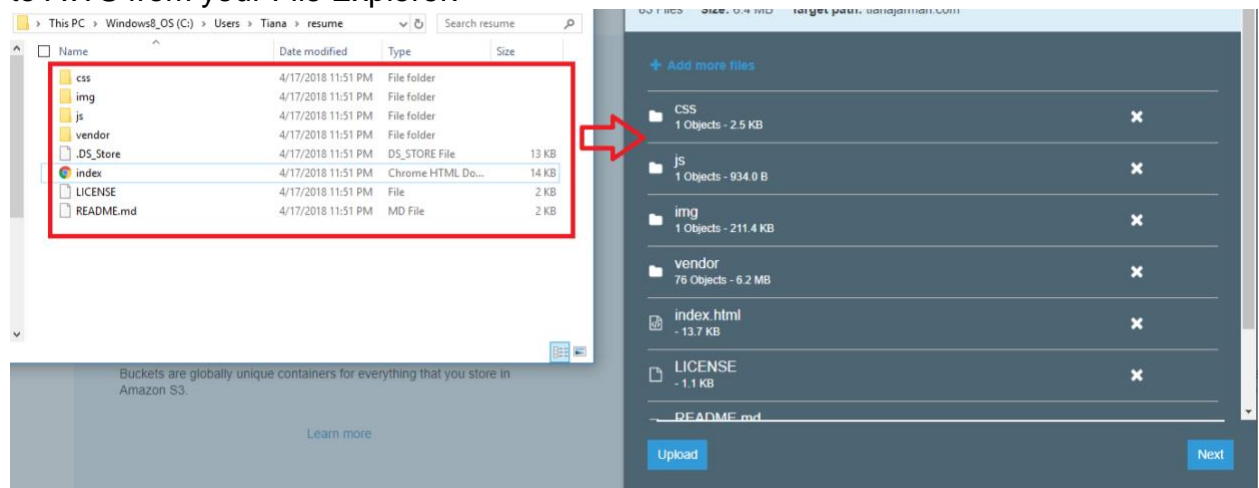
17. Ensure that you grant the public to read the contents of this upload, and then click next.

18. Leave the Properties as they are, click Next. Make sure the Review page is accurate, and then click Upload.

19. Click Properties and then click Static Website Hosting.

20. Click 'Use this bucket to host a website' and under index document, type index.html.

21. Now copy the URL of the bucket's endpoint.

22. Your bucket now has all of the proper permissions and files to simulate a static website. Go back to your GoDaddy account. Under Domains you should see the domain name you purchased. Click the DNS button on the right.

23. Scroll down and look at the section labeled **Forwarding**. Click the pencil icon to edit and paste the endpoint URL of your AWS bucket. Make sure the Forward Type is set to 'permanent' and under Settings select 'Forward with masking'.

Forwarding

DOMAIN

FORWARD TO

http://   ▾   tianajarman.s3-website-us-east-1.a

Preview

FORWARD TYPE

◉ Permanent (301)
○ Temporary (302)

SETTINGS

○ Forward only
◉ Forward with masking

Forward with masking will allow anyone who types in your domain's URL to be unaware that they are being directed to a third-party site.

24. Under **Masking Information** input the title that you would like your domain to have (remember that this is what will show in the tab of your browser, and can be anything that you want)

Masking information

Title

Tiana Jarman

25. Save your changes when you're finished, give GoDaddy a couple minutes to push the changes, and then type in your domain in your web browser. You should see your brand new resume page.