

# Technical Contribution Report (Final; Portfolio)

## Project Information

### URL

<https://github.com/freeCodeCamp/freeCodeCamp>

### License

SD 3-Clause "New" or "Revised" License

<https://github.com/freeCodeCamp/freeCodeCamp/blob/main/LICENSE.md>

### Description

Freecodecamp is a learning platform that has full stack development and Machine learning tutorials and more for free. They also offer certifications. This project has over 31k commits with the most recent occurring today (11/30/2022). It is written in many languages including TypeScript, javascript and CSS.

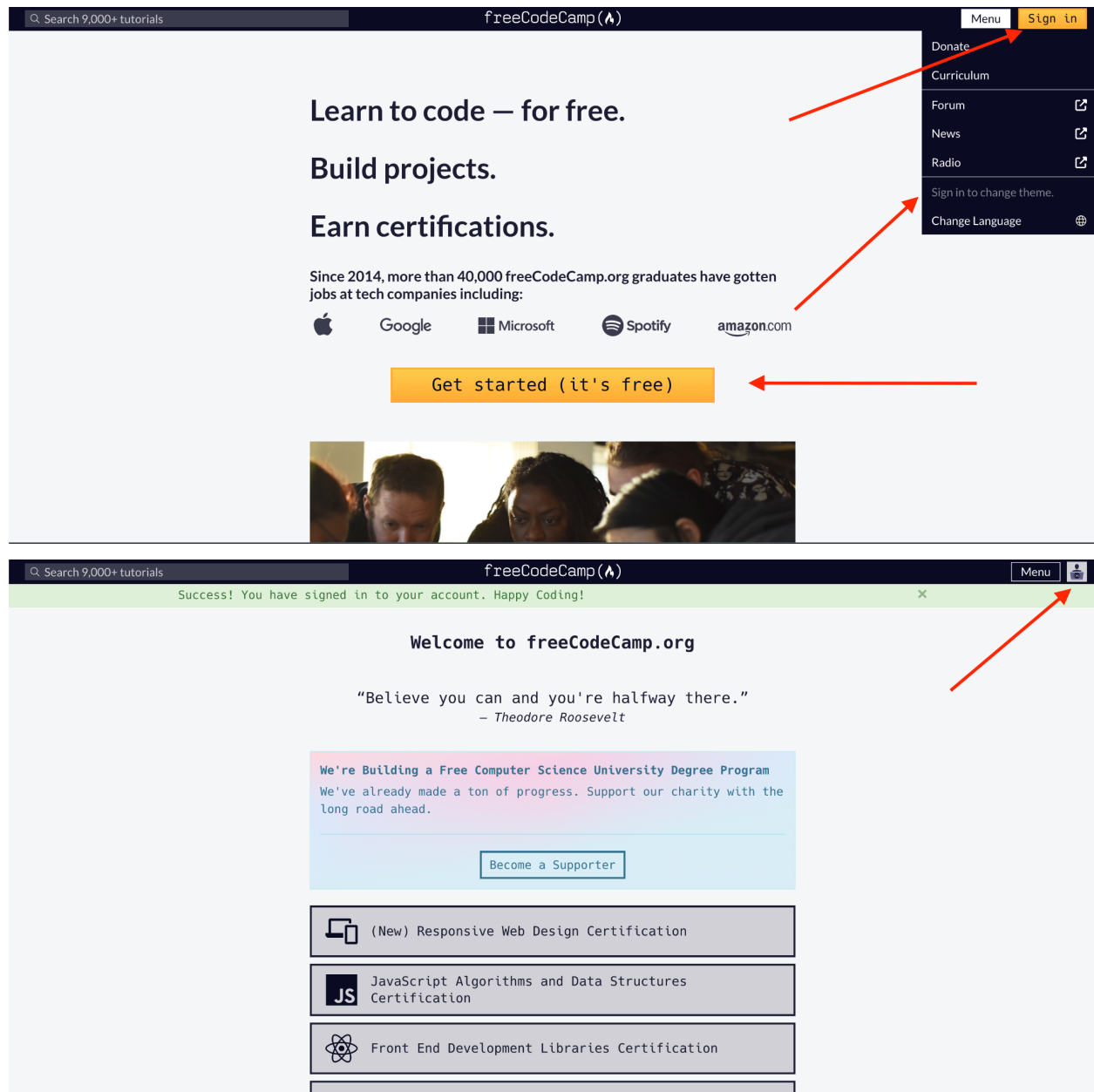
## Summary of Work Product

Contributed by providing heuristic evaluation of freeCodeCamp's general website and more specifically the homepage and signup.

## Heuristic Evaluation of freeCodeCamp

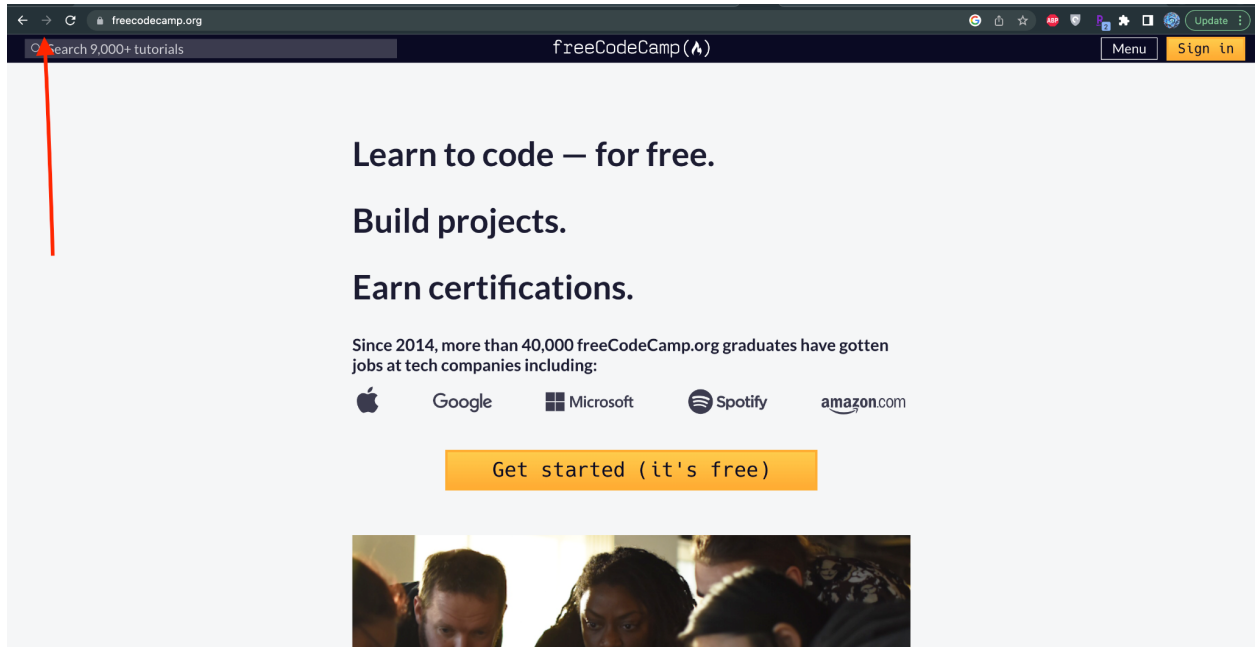
### Heuristic #1 :Visibility of system status(How well the state of the system is conveyed to its users)

Homepage :The login state of the website is very visible and apparent to the user on the homepage .After the user successfully logs in the signin button is replaced with a personal portfolio button .



**Heuristic #3 :User control and freedom-(Does the system allow the user to exit a flow or undo their last action and go back to the system's previous state.)**

System mostly relies on web browser controls to exit or undo .By using web browser controls , the user is able to exit and go back to the system's previous state.



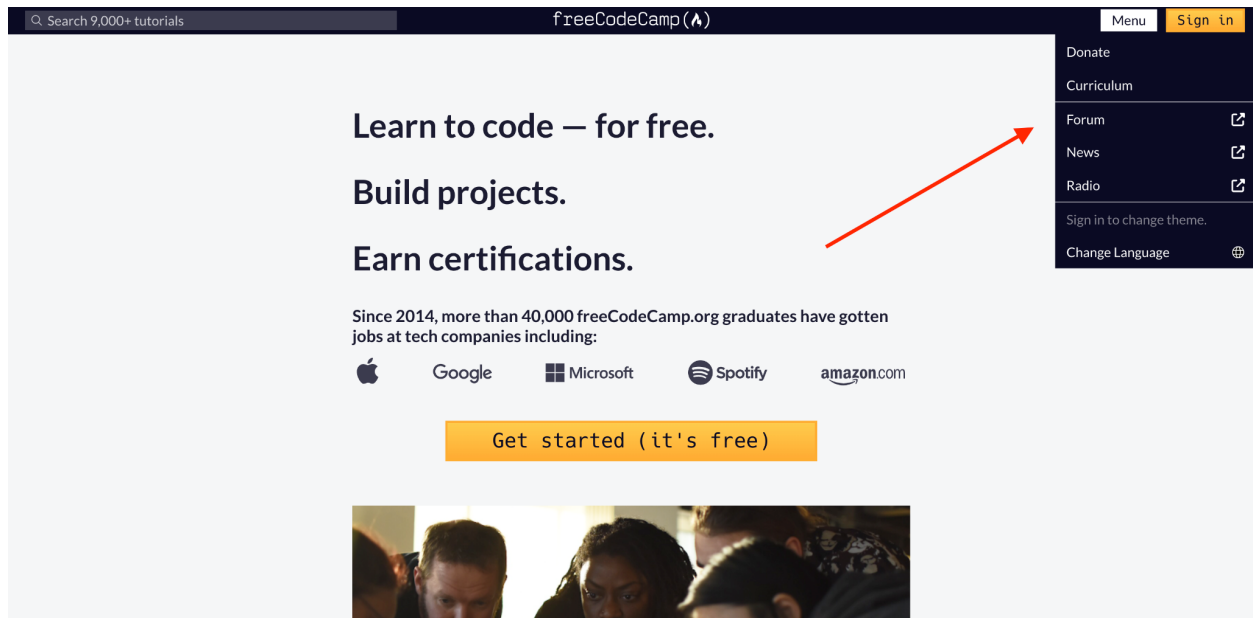
**Heuristic #5 :Error prevention-(Users are often distracted from the task at hand, so prevent unconscious errors by offering suggestions, utilizing constraints, and being flexible.)**

Website successfully prevents a situation in which the user did not login and or things they logged in .This could cause the user to lose their progress.To prevent this error , the website notifies the user if the third party login attempt was unsuccessful .



**Heuristic #6 :Recognition rather than recall-(Showing users things they can recognize improves usability over needing to recall items from scratch because the extra context helps users retrieve information from memory.)**

Menu items are easily retrievable on any screen .



**Heuristic #7 :Flexibility and efficiency of use-(Shortcuts— unseen by the novice user — speed up the interaction for the expert users such that the system can cater to both inexperienced and experienced users.)**

**Heuristic #8 :Aesthetic and minimalist design-(Aesthetically pleasing designs can provide memorable experiences that differentiate a brand. However, interfaces should only include necessary elements, with high informational value. Clarity will always win over visual flourish.)**

The freeCodeCamp website has a very minimalist design with little to no color .The user interface is straight to the point with no distracting elements .In my opinion , the UI is pleasing to the eye because of its minimalistic design but I can see how others might think this design choice is boring.



**Heuristic #9 :Help users recognize, diagnose, and recover from errors-(Error messages should be expressed in plain language (no codes), precisely indicate the problem, and constructively suggest a solution.)**

Error alerts are displayed at the top of the screen in plain language .No code-like errors were present .Below the site is telling the user that github has denied access .



**Heuristic #10 :Help and documentation-(Interface help comes in two forms: proactive and reactive. Proactive help is intended to get users familiar with an**

interface while reactive help is meant for troubleshooting and gaining system proficiency.)

No proactive help is seen on the home page .There is no help button or link noticeable , even in the menu .

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freeCodeCamp(▲)

Menu

👤

Success! You have signed in to your account. Happy Coding!


Welcome to freeCodeCamp.org


"Believe you can and you're halfway there."  
– Theodore Roosevelt


We're Building a Free Computer Science University Degree Program


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Our mission: to help people learn to code for free. We accomplish this by creating thousands of videos, articles, and interactive coding lessons - all freely available to the public. We also have thousands of freeCodeCamp study groups around the world.

Donations to freeCodeCamp go toward our education initiatives, and help pay for servers, services, and staff.

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