

George Lin

Intro to Web Development

NYU School of Engineering

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Project Statement

The goal of this project is to create a database of resources for every nook and cranny in computer science. This project would be the first step: creating a preliminary platform that is able to display relevant information in an open and friendly manner.

Motivation/Drive

I would find such a resource very useful so I want to create it. More specifically people majoring in computer science or related fields would find this site useful.

Target Audience

The website is for individuals with a passion for learning more about computer science. People will come to my site because they would find the site useful and interesting.

Competitive Analysis

There exists sites with a similar purpose of being useful towards developers or related. One such example would be stackoverflow. Stackoverflow is a very useful resource but it is different from this service because stackoverflow's purpose to is to help individuals with their problems using new or existing information. It depends on questions to be asked, for information to be given. On the other hand, this website will not require questions to be created, instead information of how to acquire resources will just be submitted and appropriately sorted.

Another alternative to this service would be free online learning resources many provided by Universities and such. The difference between the website and free online learning programs is the online learning programs will be one of many resources that the database will have knowledge of.

Content Inventory

The site will contain book information both digital and physical. Links to references, websites, guides, tutorials, video resources, images, articles, documentation, and podcasts. There will be images of these resources. The site will not host any content directly and only provide information to obtain the resources.

Text: title, creator, other credit, link, publisher, description, date, tags, type of resource, categories

Images: Icon, preview images

Technical Requirements

Be able to display information in an appropriate manner.

Creative Brief

I want to create a modern simplistic feel. I would like to try using shades of blue and white.

Future Iterations

There will be a database and allow for users to submit content. The front page should auto update and give content to grab reader's attention.

Risks

The major risks is how clear the vision of the project is, and time.