Project Vision Statement
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IMM 130 Spring 2015

Portfolio Project Vision Statement

Project Overview

My project for this semester is to create a functional and professional portfolio site. Ultimately, the goal of this site is to display my skills and experiences that are relevant to computer science, various projects that I have worked on throughout my college career, and present brief background information about myself. The site will expand upon my current resume that I would hand out at a career fair or interview so the employer or recruiter can glean more information about me than a single page of paper can provide. The portfolio will serve as a more indepth, user friendly, and interactive representation of the same information seen on my resume.

My portfolio will be designed for potential employers or graduate schools within the field of computer science. Most likely a site of this nature will be viewed from a computer or laptop while the interested user is at work. While it is less likely the user will view a portfolio site from a mobile device, it may be more plausible to consider tablets as a means for accessing my site. Therefore, I will need to consider various forms of technology when designing my website.

Target Audience

My project will include two possible target audiences. One group will include potential employers who are working at some position within the field of computer science, while the other group will include graduate school admissions staff. These two groups will overlap in the information that they will be looking for while using my site. Both parties will be interested in my strengths in computer science and having an overall picture of my college career and working experience. I am mostly interested in work with computer vision and robotics, therefore it is safe to assume that most of my users will have a solid foundation and understanding in one or both of these fields. Most of my users will also have excellent computer skills and will be comfortable navigating their way through a typical site. Although their expertise will help with eliminating certain unnecessary, explanatory features of the site, it also provides the added obstacle of standing out from the plethora of sites that these users have seen in their lifetime.

User Personas:
Person #1:
- Name: James Ericksen

- Job Description: Technical Director of the Vision and Robotics Laboratory, Center for Vision Technologies at SRI International
- Education: B.S. in Electrical Engineering and a M.S. in Software Engineering from the University of Pennsylvania
- Demographics:
    - 49 years old
    - Married
    - Father of four children
- Goals:
    - Hard working
    - Still publishes his written work in IEE
    - Provides a good work environment

Person #2:
- Name: Dr. Neil Thomas
- Job Description: Director for the Center for Research in Computer Vision at the University of Central Florida
- Education: PhD
- Demographics:
    - 53 years old
    - Married
    - Father of two children
- Goals:
    - Likes to push his graduate students very hard
    - Continues to publish his own work in IEE
    - Provides a harsh working environment

Person #3:
- Name: Erin Vilord
- Job Description: Recruiter for the Harris Corporation
- Education: B.S. in Computer Science
- Demographics:
    - 28 years old
    - Single
- Goals:
    - Friendly and helpful to applicants
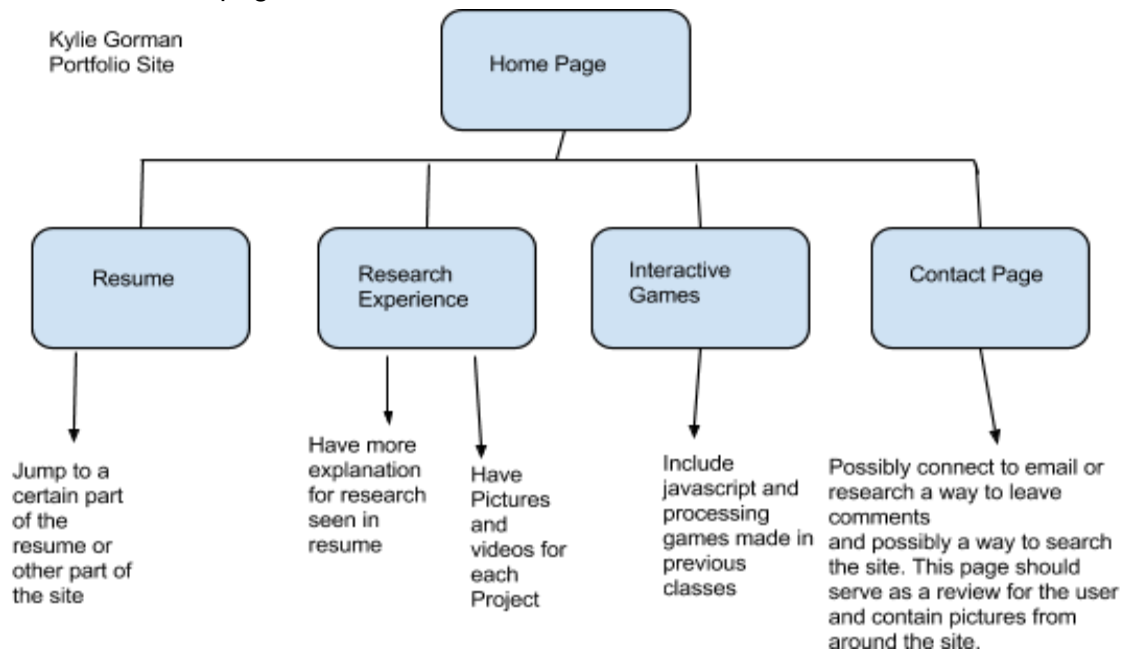   - Busy with her work and takes her job very seriously

Message & Content

My project will be communicating my qualifications for an internship or future job in the field of computer science. This content should be easily accessible to the user and should be presented in an aesthetically pleasing, but functional format. I would also like to include the possibility to expand this site in the future. For example, when I complete a new project or internship, I would like the possibility of easily incorporating new information into the site.

User Stories:
- As a potential employer, I can get more information and details about Kylie's previous work experience.
- As a potential employer, I can easily contact Kylie through her site.
- As a potential employer, I can get a visual idea of her work.
- As an employee of an interested graduate school, I can view Kylie's past research experience with great detail.
- As an employee of an interested company, I will remember this site as a product that stands out from usual resumes.

After considering my potential users and what I would like for them to get out of their visit to my website, I broke up my design into five core pages. There will be a navigation bar across these main pages that will allow access to each page and when a user hovers over a specific page, a drop down menu will allow the user to access a specific portion of the contents on that page.

Kylie Gorman
Portfolio Site

Home Page

Resume

Research Experience

Interactive Games

Contact Page

Jump to a certain part of the resume or other part of the site

Have more explanation for research seen in resume

Have Pictures and videos for each Project

Include javascript and processing games made in previous classes

Possibly connect to email or research a way to leave comments and possibly a way to search the site. This page should serve as a review for the user and contain pictures from around the site.

The main page of my site will be the home page. Here I will display a picture of myself and a brief "About Me" section describing my current standing in college and a brief overview of the site. My picture will be a circle that has a shadow to give it a three dimensional effect. From the home page, the other pages are all very accessible. My resume page will serve as an extension of the paper resume with links, pictures, and videos where appropriate to provide further information. The images and videos will all be hosted on the TCNJ server. My research page will allow the user to explore my projects with a more detailed look into their implementation. I will continue the theme of circles with all of my pictures throughout my site, varying in size and dimension. The games page will provide a fun aspect to the site. Here the user can explore my coding skills in action while enjoying fun animations and games. Finally,

my contact page will serve as a review for the entire site. There will be several images that were seen throughout the site on a carousel that will allow the user to look back at all of the content they explored. There will also be a button that will allow the user to contact me directly through email.
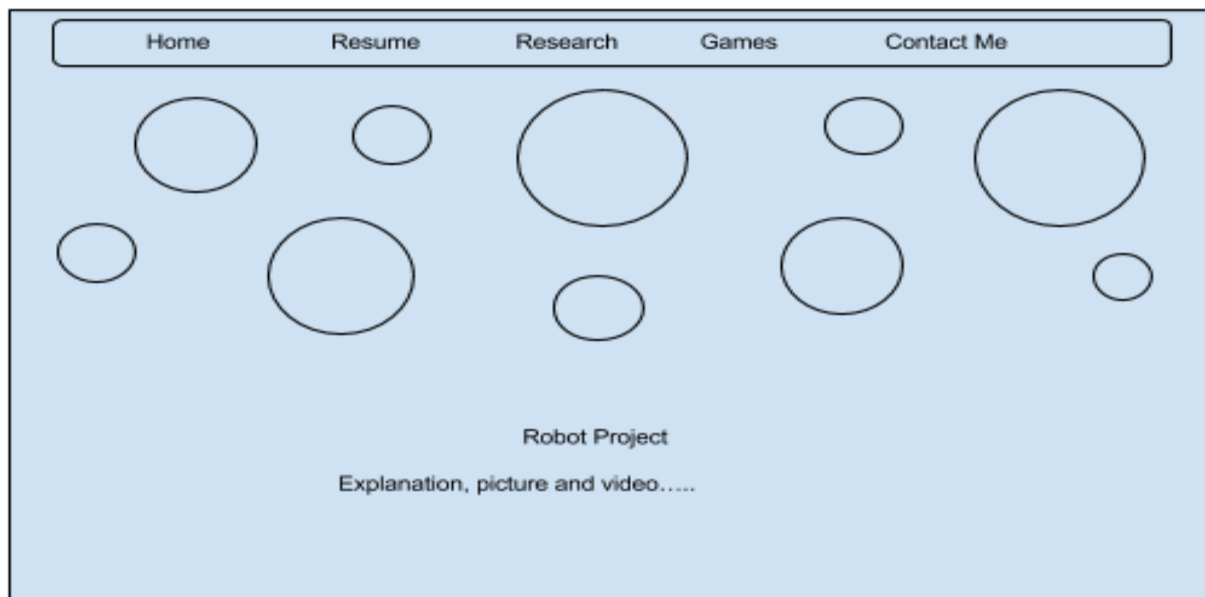
Architecture

I will be hosting my project and final site on the TCNJ server. Every time I improve any of my HTML, CSS, or Javascript, I will update my site as well to get a better idea of how the site will look when I am not developing on my own local machine. The TCNJ server will act as a place for me to back up more work, but I will also keep all of my files and resources on a flash drive.

There are a few major resources that will be used on my site. I will include images and video to enhance the resume and project pages. Instead of simply explaining my projects, I will allow users to watch my projects in action. The research projects will be shown at the top of the screen using various circular icons that will link to more detailed descriptions further down the page.

Kylie Gorman   Each Circle contains an image of the project with a
Research Page   link to the project description lower on the page

Home   Resume   Research   Games   Contact Me

Robot Project

Explanation, picture and video…..

My second use of images will be on the contact page to serve as a review of the entire site. I will include a carousel of images that were already seen throughout the existing pages. I will wait to use Bootstrap to implement this portion of the site due to its complexity. Finally, my last major function of the site is to hopefully include a search bar in the contact page. I want to experiment with adding backend functionality to the site and include a simple search of the site.

Time Line

March 9th:
Reconsider color choices after class reading. Determine various color schemes and choose favorite colors after testing them with site. Also consider new backgrounds for site to finalize aesthetic design. Apply Bootstrap framework to consider mobile devices and allow for added functionality including image carousel.

March 16th:
Spring Break, Look over site and clean up code structure and add more commenting

March 23rd:
Add more behavior and functionality with jQuery. Look into new functionality that was not possible with just HTML and CSS. For example, incorporate a better navigation bar and extra movement and effects into the site.

March 30th:
Focus on the Contact page. Create a contact form for this page and learn how to incorporate backend functionality here.

April 6th:
Prepare for Design Review and User Testing Session. Review HCI principles such as the Eight Golden Rules and consider important usability traits. Go through site yourself and with friends to gauge how easy or difficult it is to navigate and use site.

April 13th:
Make necessary revisions to site based upon the feedback given in class.

April 20th:
Determine if backend functionality can be included or newer javascript games and continue to develop site.

April 27th:
Add any final content or extra information and continue to develop site.

May 4th:
Finalize site for final presentation.

May 11th:
Final Presentation