Outline

Introduction
Old Website
Requirements
Website Prototype
Website Testing
Final Product
Improve VTCAR Website - Previous Home Page

- Generic photos
- Left and right sidebars
- Lots of links
- Narrow container for page-specific content
- Small text
- Outdated styles
Old VTCAR Website cont. - People Page

- No photo of person
- Bland styling
- Small text
- Minimal biography
Requirements

- Ensemble CMS
- Easily maintainable
- VT Themes
- Modern designs and photos
- Social media integration
- Underlying blue theme to emphasize Autism Awareness
Website Prototype

- Mockups of high traffic pages

- Implemented pages using CMS components, HTML, CSS, JavaScript

- Reviewed current prototype with client on a weekly basis
Formative Evaluation

- Received user feedback from usability survey
- Discussed potential changes with client
- Updated requirements and implemented feedback
Formative Evaluation – Overall Results

Average Usability Ratings

- Usability Test Case 9: 3.20
- Overall Average: 2.10
Final Website
Screen Captures
Welcome to the Virginia Tech Center for Autism Research

The VT Center for Autism Research (VTCAR) was established in the College of Science to promote collaborative research on Autism Spectrum Disorders and related conditions from multiple disciplinary perspectives. VTCAR builds upon basic and clinical resources already available at VT and works closely with the VT Autism Clinic and other autism service providers to provide an enriched research and education environment.
Administration and Staff

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Events

Big Brother Meet and Greet
We encourage you all to attend an information session on a new Big Brother Program this Saturday, April 30th from 1-3 in room 155 Goodwin Hall on Virginia Tech campus. This Big Brother program is geared specifically toward children and adolescents with ASD. At the information session, you can meet some of the potential big brothers and also learn more about the program, which is scheduled to start in the Fall 2016.

The Science Behind Decision Making
Virginia Bio puts on a monthly luncheon series highlighting different aspects of the bioscience industry. On May 12th 2016, we have the pleasure of having Dr. Read Montague, from Virginia Tech Carilion Research Institute as our special speaker. Montague’s work centers broadly on human social cognition, decision-making, and willful choice with a goal of understanding the computational and neurobiological basis of these functions in health and disease.
SAFE - Supporting Autism Friendly Environments

Be a VTCAR PALS!

Partners in Autism Learning and Service (PALS) consists of community organizations that are interesting in furthering autism research. If you'd like to become a VTCAR PALS, contact Angela Scarpa at ascarpa@vt.edu.

Current Research Participation Opportunities

Sibling Stress Survey

WHY: Dr. Carolyn Shivers and the VT SibLab want to learn more about stress and support in teens who have a brother or sister. In the long term, we will use this information to develop strategies and programs to help families and siblings of individuals with ASD.

WHO: You are eligible if you:

- Are 12 – 18 years old
- Have no intellectual or developmental disabilities
- Have at least one brother or sister who lives at home with you
Performance Testing Results

- Webpage Load Times

<table>
<thead>
<tr>
<th>VTCAR Website Page</th>
<th>Webpage Load Time (sec)</th>
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<tbody>
<tr>
<td>Contact</td>
<td>0.738</td>
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<tr>
<td>Events</td>
<td>1.29</td>
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<tr>
<td>SAFE</td>
<td>0.594</td>
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<tr>
<td>Volunteer Survey</td>
<td>1.01</td>
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<tr>
<td>VTCAR Newsletter</td>
<td>1.25</td>
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<tr>
<td>The Community We Serve</td>
<td>0.581</td>
</tr>
<tr>
<td>Outreach</td>
<td>0.663</td>
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<tr>
<td>Other Associates</td>
<td>0.568</td>
</tr>
<tr>
<td>Jillian Shillaber</td>
<td>0.508</td>
</tr>
<tr>
<td>Marcia Donnellon</td>
<td>0.266</td>
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<tr>
<td>Julie Forley</td>
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<tr>
<td>Angela Scarpe</td>
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<tr>
<td>Lay Nam Chang</td>
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<tr>
<td>People</td>
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<td>Grants</td>
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<td>Funding Resources</td>
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<td>VTCAR Autism Research Registry</td>
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<td>Becoming a VTCAR Affiliate</td>
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<td>Current Research Participation Opportunities</td>
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<td>Core Research Areas</td>
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<tr>
<td>Research</td>
<td>0.558</td>
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<tr>
<td>About</td>
<td>1.32</td>
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<tr>
<td>Home</td>
<td>1.67</td>
</tr>
</tbody>
</table>
Acceptance Testing Results

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Satisfaction Level (1-5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Website should be easily updatable after the Capstone team is finished with their work</td>
<td>5</td>
</tr>
<tr>
<td>Client has and understanding of how the website works and was built</td>
<td>5</td>
</tr>
<tr>
<td>All visitors should be able to easily find information about the upcoming events</td>
<td>5</td>
</tr>
<tr>
<td>Website should be a place community members want to visit</td>
<td>5</td>
</tr>
<tr>
<td>Website should have a unique and clean design</td>
<td>5</td>
</tr>
<tr>
<td>Website should highlight the staff with personalized pages and additional information about each member</td>
<td>5</td>
</tr>
<tr>
<td>Show all of the different multimedia that the center gathered from past events</td>
<td>5</td>
</tr>
<tr>
<td>Website should load quickly for any visitor</td>
<td>5</td>
</tr>
<tr>
<td>Website should be easily navigable</td>
<td>5</td>
</tr>
<tr>
<td>Parents should be able to easily find the information that pertains to them</td>
<td>5</td>
</tr>
<tr>
<td>Donors should be able to easily learn how they can contribute to the VTCAR</td>
<td>5</td>
</tr>
<tr>
<td>Professionals should be able to easily learn about the training materials provided by the VTCAR as well as other important information</td>
<td>5</td>
</tr>
</tbody>
</table>

Legend:
1 = Highly Unsatisfied
5 = Highly Satisfied

Overall, the team has met the requirements of this project and I am satisfied with the finished product.

Julie Early
Client Name

Client Signature

Date 4/8/16
Acknowledgements

Dr. Julee Farley of the Virginia Tech Center for Autism Research

Dr. Angela Scarpa of the Virginia Tech Center for Autism Research

Ms. Marcia Donnelson of the Virginia Tech Center for Autism Research

Dr. Edward Fox

Graduate Teaching Assistant Yilong Jin

Mr. John Jackson of Ensemble CMS
Thank You

Any questions?