

Student Organization Website Creation

Creating and maintaing a wesbite for our professional engineering fraternity and helping other organizations in website development

Introduction

Background

The professional engineering fraternity, Theta Tau Theta Gamma, relies heavily on its website for its external communication with other fraternities, alumni, and the general public. However, the website has lacked both design and functionality in recent years. There is no documentation on the current website to improve upon its state, so our honors capstone project is to help our fraternity completely recreate and maintain its website. We don't believe this to be an isolated incidence with Theta Tau, either. Therefore, we want to help other organizations across campus in creating and maintaining a website as well.

Methods

Website creating can be split up into several responsibilities; market research, design, coding, and documentation. We divided these duties amongst the three of us to successfully implement a website with features desired by our brothers.

Challenges

The biggest challenge we anticipated to overcome is understanding how to make our website sustainable for the future. This required a large amount of overlap of design, understanding users, technical skills, and communication.

Results and Significance

- Gauge brother's interest on website necessity and features through our market research
- Designed, coded, and launched the website accordingly
- Completed documentation and taught others how to maintain the website to avoid outsourcing another company to do so
- Created a handbook for future generations to access and edit the website for maintenance
- Created the website with a straightforward, organized structure that will allow brothers to easily maintain the site
- Held workshops to educate other student organizaitons on website creation

Engineering Honors Rhea Chowdhury, Nick Johnson, Alexia Iatrides

Our Process

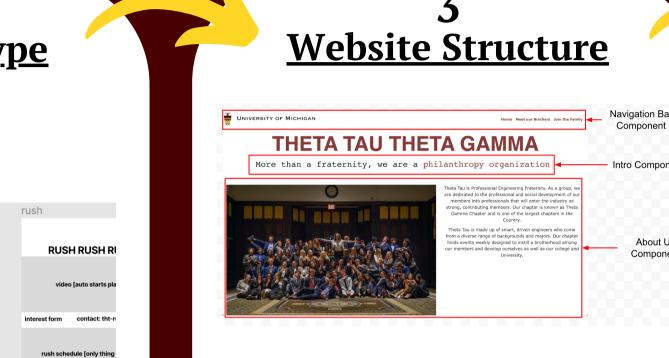
1 Market Research

Out of 35 members of Theta Tau -

- 100% believed a website be helpful for centralizing information, connecting with alum, and providing information about the fraternity
- 94% desire a family tree
- 80% desire an alumni map
- 68% desire committee descriptions
- 62% desire an alumni login
- 62% desire a mobile login
- 94% prefer that brothers maintain the website, as opposed to outsourcing a company

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Using Figma to design the general layout of the site



Broke website down to manageable components that could be developed





Student Organization Website Development Handbook
With Examples from Theta Tau



Designed a handbook that can be used by all student organizations to create their own effect website

7 <u>Workshops</u>

HTML/CSS - things to make website pretty

THETA TAU THETA GAMMA

Nore than a fraternity, we are a philanthropy organization

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Held workshops to educate and help others develop their student organization's websites

6 <u>Outreach</u>



Promoting our workshop to increase attendance

5 <u>Documentation</u>

Theta Tau Theta Gamma Website Documentation

Honors Capstone WN23 Rhea Chowdhury Nick Johnson Alexia Iatrides

ABSTRACT

This document serves to record and teach other brothers of Theta Tau Theta Gamma about how the website is structured so that it can be updated throughout the years without direct reliance on the subset of the brothers with web development experience. This document will be an attempt to explain everything involved in the website and will also include additional links to external documentation that might be of aid to the reader. This document might also abstract some of the machine setup from EECS280 - if there is something that is not working locally, refer to the setup tutorials on the public EECS280 website.

Created documentation to help have sustainable impact on students managing the Theta Tau website

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