

# Project 1 Design Document

## Personal Website

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## 1 Description

This project consists in creating a personal website by using HTML, CSS (including Bootstrap), and Javascript. This site is designed to serve as an introduction to the author, and hence it contains a brief description and compiles relevant information like research interests and other projects. This project is designed to also host information on research publications and projects for other academics to see, and finally it contains a personal art gallery to add dimensions to the author's public image.

## 2 Example Usages

Below we highlight a few of the example usages of this website. These further allow to explain the design rationale used to create the site.

### 2.1 Personas

**Persona 1.** Laura Walberg is an up-and-coming computer science faculty at the University of San Jose. She is interested in graph drawing and theoretical computer science and is strating to attend the Graph Drawing conference. She just got funding to hire her first Ph.D. students, and while she has a few projects in mind, she is also looking for other collaborators for short papers and posters that could help her new students get settled in.

**Persona 2.** Pedro Paramo is a lower level manager at a sports analytics company. He is interested in expanding his team's work on relational data and is looking into network scientists for hiring positions. Nevertheless, he comes from a marketing background with an emphasis in user experience so he is looking for candidates with software knowledge but also with a strong emphasis on design and human computer interaction research. He believes

this expansion could help him take the next step in his career.

## 2.2 User Stories

**Persona 1.** Dr. Walberg knows some faculty members with similar research interests and gets a hold of Cody Dunne. She then finds that his students have worked on similar projects she is interested in based on Cody's lab website. She looks into the authors web page from there to find possible points of collaboration. First, she looks for general information that could be useful to her, namely related to broad research interests or career objectives. Then we navigates to the research specific tab where she finds more informaiton on the types of reseach the author is interested in. Some of the work peeks her interest so she decides to get in contact with him, by looking up his email.

**Persona 2.** Pedro runs into the author's resume on LinkedIn and proceeds to further investigate. From here, he then runs into the author's personal website. Paramo begins by quickly parsing the website, looking for signs of if the author is looking for a job. Afterwards, he proceeds to jump into research interests to see if the fit is appropriate. Having explored the authors research, he proceeds to jump into projects looking for other important informaiotn about their character and background that might be relevant. After seeing all this, he navigates to the author's LinkedIn and proceeds to send him a message.

## 3 Mock Ups and Design Rationale

Since we were looking to create a website for an academic interested in creating a public image, we began by exploring the components of similar academics. Namely, we examined the personal landing pages of Kevin Angstadt from St. Lawrence University and Sara DiBartolomeo from Konstanz University.

Figure 1 and 2 dissect their personal websites for recurring themes and other information.

### 3.1 Initial Prototypes

Then we proceeded to make hand drawn prototypes and finally we used Canvas to make early designs of the project.

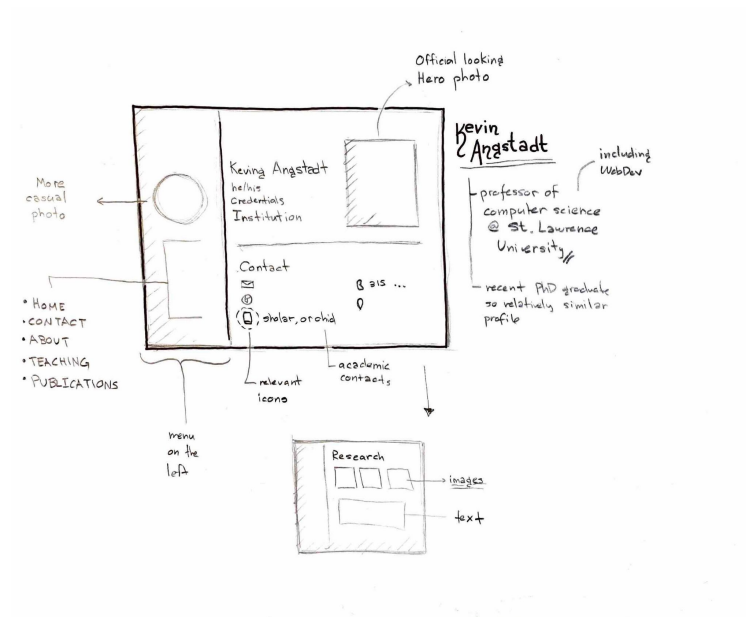


Figure 1: Rendition of Dr. Angstadt's personal website

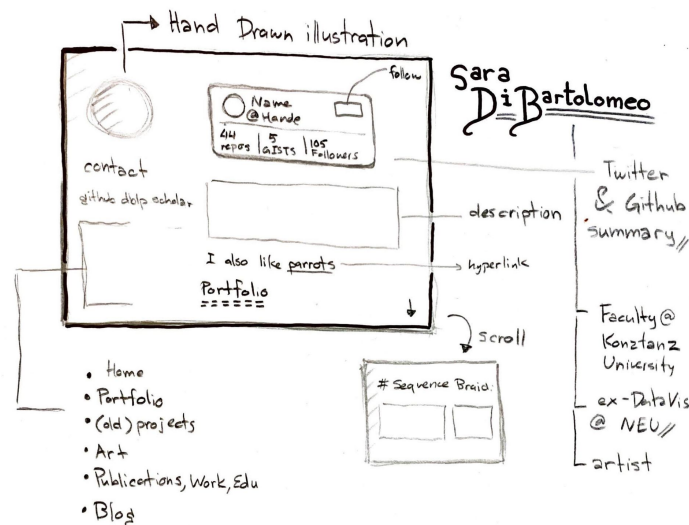


Figure 2: Rendition of Dr. DiBartolomeo's personal site

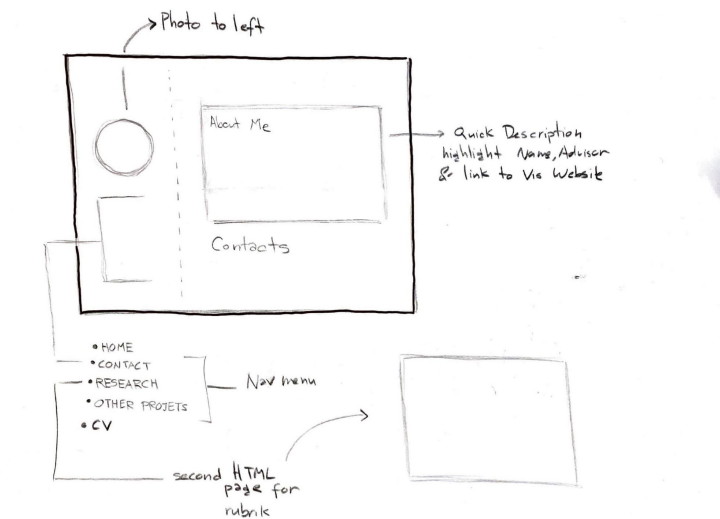


Figure 3: Handdrawn prototype

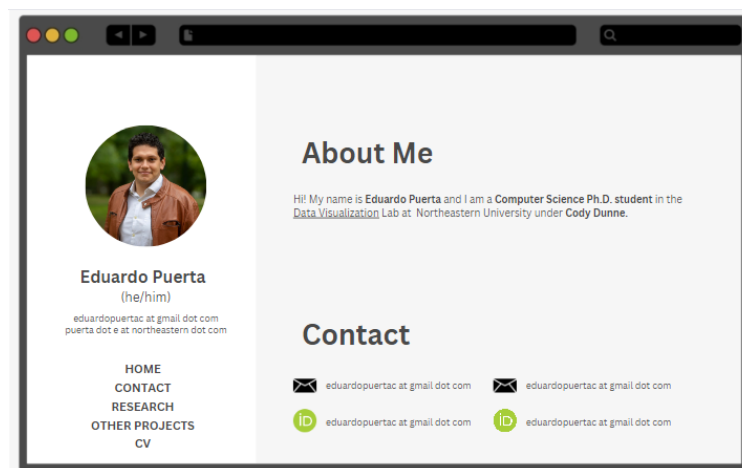


Figure 4: Prototype of landing page for website