

# Nathan Petts

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Relocating to Portland, OR January 2017

## Work I Have Done

### **Contract & Pro-bono**

*September 2016 - Present*

- Creating data visualizations for a former employer using JavaScript libraries, PHP and SQL.
- Designing a website for a local stand up comedian.
- Finalizing a paper about improving graph accessibility on the web. To be published SIGCHI Extended Abstracts in early 2017.

### **User Research and Design Intern**

Basecamp

*June 2016 - August 2016*

#### **User Research**

- Led research about a key Basecamp product feature and whether it is actually helping customers work with their clients more effectively. Conceived a research plan to explore the question.
- Conducted phone interviews to uncover the issues involved. Armed with knowledge from the phone interviews, proceeded with six on-site sessions to observe customers doing their work and to document the work flows. The focus was how Basecamp users onboard clients and get client approvals and whether they are using the feature as intended.
- Compiled and analyzed notes and transcripts and posted a company-wide report. The report's insights led to new ideas about how to proceed with future development related to the feature.

#### **Design**

- Research revealed that users were not aware of a specific feature for sharing information with clients. Redesigned the feature to make it easier to find.
- Evaluated sketches with a team and settled on a design. Incorporated feedback and created an interactive prototype of the design in a local Basecamp development environment using Ruby, Rails and Coffeescript.
- Wrote a blog post and made a movie to pitch the idea to the company

**Accessibility Evaluation** - Evaluated Basecamp's interface for screen reader compatibility and wrote a summary of the main issues for reference during future product development related to accessibility guidelines.

### **MATEC Technologist**

University of Illinois at Chicago

*March 2014 - May 2016*

#### **Web Design & Project Management**

- Employees depend on the MATEC website to complete daily tasks; it was undocumented, inflexible and did not meet their need for a reliable online tool. Managed the project to revamp the site; completed a content audit as well as accessibility and heuristic evaluations of the website. Conducted user interviews and contextual analyses to gather user requirements.

## MATEC Technologist (cont.)

- Translated business and user requirements into specifications for a contracted vendor. Wrote personas and managed feature backlog.
- Migrated and curated content for the new site.
- The result was a website in line with modern web standards that was hailed as a vast improvement by users.

**Ops & Data Management** - Ensure data integrity by troubleshooting data errors and bugs and training users on effective data collection processes. Provide management with accurate, timely customized reports using web interfaces, PHP and MySQL.

## Technology Support Specialist

Rush University  
Medical Library  
November 2005 - February  
2014

- Guided the redesign of the library website and executed updates that delivered a highly organized, more intuitive user interface. Solely responsible for website content migration from Fatwire CMS to Libguides CMS resulting in positive reviews from user community.
- Provided support for Blackboard Learning Management System, improving patron understanding and increasing their use of the system.

## Things I Can Do

Fig. 1 - Components

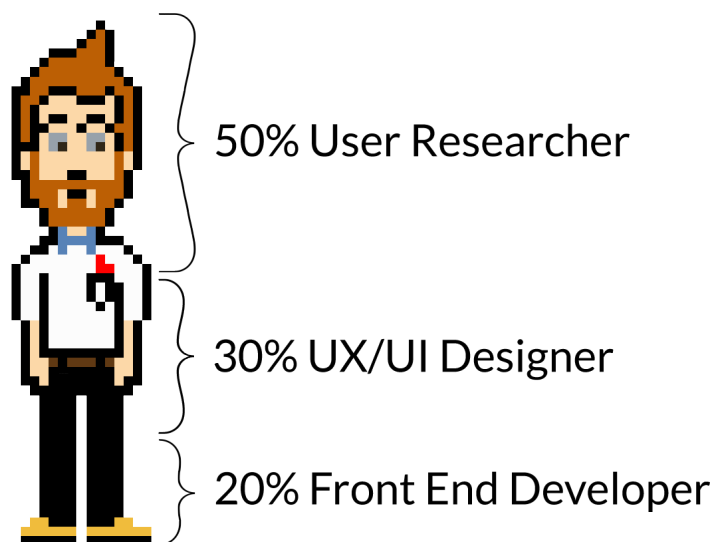


Fig. 2 - Skills and Tools



## Degrees I Have Earned

Master of Science in Human Computer Interaction with Distinction - DePaul University, June 2016

Bachelor of Fine Arts in Theater Performance - University of Michigan, April 2005

## Find Me on the Web

My Design Portfolio - [www.nathanpetts.com/](http://www.nathanpetts.com/)

What I Did with My Summer at Basecamp - <http://goo.gl/bxf2hd>

My LinkedIn profile - [www.linkedin.com/in/nathanpetts](http://www.linkedin.com/in/nathanpetts)