Sean Beaton

463 Arborgate
Pittsboro NC 27312
United States

Freienwalder Straße 17
13359 Berlin
Germany

sean@seanbeaton.com
seanbeaton.com
+49 176 74255781

Experience

Project Lead + Full-stack Web Development • Independent Consultant

2013 – Present

As an independent consultant, I work closely with each of my clients to fully understand their project - its success criteria, intended audience, and short and long term goals - to craft a solution that best fits their needs. Most of my experience is with organizations in the higher education, research, and advocacy spaces, though I've also worked with medical device companies and retirement communities. Once a project has been defined, I'll work either alone, with my team, or as part of an existing team to implement the solution and follow it through the full lifecycle to ensure it hits key milestones on budget and on schedule.

Selected projects:

College Results • EdTrust • https://collegeresults.org/

I worked with EdTrust to design and implement an interactive map to present university data in a clear, concise, and discoverable way for students, families, policymakers, researchers, and advocates.

Muser • Duke University • https://muser.duke.edu/ • https://drupal.org/project/muser • https://sre.college/

Muser is an open source Drupal installation profile I worked on that connects undergraduate students with mentors that have projects with open research positions. It uses a blind review process to reduce the impact of unconscious bias in the selection process, and provides administrators with powerful tools to automate the busywork often involved in managing similar systems. I'm also part of SRE.college, a team that offers full-service hosting and support for institutions wanting to use Muser without managing it themselves.

Web Developer • DZone

May 2014 – August 2014 • August 2015 – October 2015

At DZone, I worked with the development and design teams on a Drupal 6 site to identify and remedy security vulnerabilities, to use tools like Google Analytics and Inspectlet for insights on how to improve the user experience, user interface, and retention of the site, and to write partially auto-updating documentation for the AnswerHub API - a platform similar to Stack Exchange.

Education

Harrington Academy • Pittsboro NC

Graduated May 2014 | Overall GPA 4.0/4.0

Dual Enrolled at Central Carolina Community College • Sanford, NC • Pittsboro, NC

Fall 2012 – Spring 2014 | Overall GPA 4.0/4.0

Skills

Programming Languages: Javascript, Node.js, Python, PHP, MySQL

Frameworks/Platforms: Drupal 11 (through 7), Leaflet.js, Vue, React, Meteor, Flask, AWS, Platform.sh, Heroku

Languages: English (Native), Spanish (C1), German (B2/C1), Catalan (B1)

Other: Accessibility (WCAG/Section 508/EAA), UX/UI Design, LaTeX, MS Suite, Google Suite

Awards

Eagle Scout in the Boy Scouts of America • Troop 93 • Pittsboro, NC

In 2013–2014 I designed two 20 foot bridges and led a team of 30 individuals to build them and a 100' connecting trail to circumvent an area of heavy erosion at the Jordan Lake Dam.