

# Sean P. Beaton - Résumé/CV

## Address

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## Experience

Web Developer, Independent Contractor

February 2013 - Present

- Work closely with clients around the world to turn their visions into products.
- Projects using a variety of languages and products, including Javascript, Python, PHP, MySQL, Node.js, MongoDB, Sass, and more.
- Design, create, and theme websites and web applications with Content Management Systems (CMS) such as Drupal 7 and 8, along with site frameworks like Meteor and Flask.
- Deployed applications on both dedicated servers and cloud hosting such as AWS or Heroku.
- Data collection and cleaning for research applications.

Web Developer at DZone

May 2014 - August 2014, August 2015 - October 2015

- Worked with existing Drupal 6 site to improve UX and UI with a team of designers and developers.
- Used analytic tools like Google Analytics and Inspectlet (user eye tracking) to discover the best paths and designs to increase user retention.
- Repaired site vulnerabilities in JavaScript and MySQL.
- Wrote documentation for Answerhub API (professional knowledge platform similar to stackexchange).
- Created python scripts for customer data import.

## Education

Harrington Academy (Homeschool), Pittsboro NC, Graduated May 2014.

Overall GPA 4.0/4.0.

Dual Enrolled at Central Carolina Community College, Sanford NC, Fall 2012 - Spring 2014

Overall GPA 4.0/4.0.

## Skills

Programming Languages: Javascript, Node.js, Python, PHP, MySQL, HTML, and CSS (including Sass).

Frameworks/CMS: Drupal 8, Drupal 7, Meteor, Flask, Leaflet.js.

Platforms: AWS, Heroku.

Misc: UX and UI design, Informal tech support experience, LaTeX (Document Creation), Stick Welding.

Microsoft Suite, Google Docs/Sheets/etc.

I'm always looking to add new skills to my toolbox.

## Project Examples

EMRA Research: <https://emraresearch.org/> <https://map.emraresearch.org/> - UCLA, Ozan Jaquette

- Created website scraping scripts to gather High School visit data for 100+ universities.
- Processed and cleaned data to generate datasets for data analysis and reports.
- Created interactive representations of gathered data with leaflet.js, allowing the public to view the data collected. A New York Times Op-Ed was published based on the data collected and the map, see here: <https://nyti.ms/2IOiRZJ>

EQUIP: <https://equip.ninja/> - Michigan State University/University of Washington, Niral Shah — SDSU, Dan Reinholz

- EQUIP is a web application that allows teachers to record their interactions with students in their classrooms, then to analyse the data to make sure they're not leaving certain students behind. It also lets them track their improvement over time in these areas.
- Took over existing project from the existing devs, fixed bugs and security vulnerabilities, and made the existing site theme mobile-friendly.
- Created new data analysis features and improved existing UI and UX.

## Awards

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

- Designed two 20' 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.