



Veronica Hanus

Portfolio // vzhz.github.io
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Who am I?

A detail-oriented, collaborative software engineer with a liberal-arts education and a science background who is always learning.

What am I doing?

Software Contractor; Brooklyn, NY – 2018–Present

Projects have varied from designing and building Wordpress website for non-profit & Python Machine Learning workflows for an Open Source project.

Skills demonstrated: Page & logo redesign to reflect changing business strategy • Continuous updates • User-focused • Conducted UX research on multiple user types • Impact-driven • Keep up with changing requirements (Agile)

What have I built?

Projects have varied from web scraping to terminal tools. Here are a few that I am proud of.

Dataset from developer survey results on attitudes toward code comments – 2019

My survey of 200+ long-time developers (as many as 35 years experience!), CS majors, bootcamp grads, & hobby programmers seeks to explore attitudes toward commenting among developers of many different backgrounds.

Websites for small businesses – 2018

I create websites for local pet service providers. Each had different needs & strategies, and taking this into account, I created sites that offered the benefits (eg. scheduling, feed of recent photos, attractive presentation of client reviews) of the commercial pet-care sites but with the control they desired.

Technical Blog – 2017-2019

Posts are the result of deep research into a topic, often the results of hours of reading and interviews. Favorites are “Writing READMEs That Will Make Future You Happy” & “Make a Javascript Console in Your Editor & Avoid Context-Switching.”

Portfolio Site – 2016-2019

Written from scratch in HTML & CSS. Includes a blog with commenting, an RSS feed, & the most beautiful header and color scheme I can currently imagine. First-time visitors frequently ask what template I used, and this makes my day every time.

Friendly Terminal – 2016

This terminal app (Python & Unix) sends you various encouraging words when you open your terminal. Originally made to combat my own terminal-intimidation, I’ve heard from several people that my “friendly terminal” app has improved their terminal experience & has even inspired them to build their own “friendlier” terminal.

Where have I worked?	<p>Programmer, Recurse Center; New York City, NY – 2015</p> <p>Focused on building modular and scalable software in Python, iterating to ensure both best-practice design and a highly usable product • Explored the fundamentals of low-level (C) and functional (Elm) programming • Presented on LATEX typesetting language • Provided weekly one-on-one feedback and mentorship for nontraditional student starting her transition from sales to software</p> <p>Research Engineer, Schlumberger-Doll Research; Cambridge, MA – 2014</p> <p>Used mineralogy data to validate the accuracy of the lab’s primary commercial software product • Leveraged geochemistry background to rebuilt mineral standards library as an individual project, increasing the number of standards from 34 to 75 and improving the precision of our lab’s measurements</p> <p>Research Assistant, MIT Paleomagnetism Laboratory; Cambridge, MA – 2012-2013</p> <p>Adapted knowledge from previous coursework to applied field of Paleomagnetism, focus on in-depth understanding of instrumentation • Adapted lab procedures to allow single-clast (small) terrestrial samples to be measured for the first time and improved efficiency by saving 30+ hours per run • Improved procedure for removing contaminants from sample disks, allowing more precise measurements</p> <p>Data Intern, NASA Jet Propulsion Laboratory; Pasadena, CA – 2009</p> <p>Led student effort to find rock distributions of landing sites for Curiosity rover • Introduced three students to in-house software for QA element of our project, including reporting procedures, and software process and limitations</p>
What do I talk about?	<p>“To comment or not to comment? A data-driven look at conflicting attitudes toward commenting” PyTennessee, PyCascades, NYC Women’s Work Jelly — 2019</p> <p>“Git 'Hooked' on images in your version control and up your documentation game” FullStack NYC, Conference of the Association for Software Testing, & PyCaribbean — 2019</p> <p>“Exploring the Intersection of Code & Design” Flatiron School NYC — 2019</p> <p>“Version Control for Visual Learners” Git Merge Belgium — 2019</p> <p>Tutorial “Scrape, explore, and model to predict Oscar winners” PyCon – 2018</p> <p>“Using Unix to make your time in the terminal better” NYC Women’s Work Jelly – 2017</p> <p>Assisted in teaching “Python for Data Science” tutorial at Boston Code Camp 27 – 2016</p> <p>“Giving Imposter Syndrome the Kick in the Pants It Deserves” NYC Women’s Work Jelly – 2016</p> <p>Workshop “LaTeX: Academic Typesetting for Industry” at Recurse Center – 2015</p>
What did I study?	Colgate University; Hamilton, NY – BA in Geology, 2010; Alumni Memorial Scholar
What are my skills?	Javascript (React), HTML, CSS, Bash, Python, Git, Chrome Developer Tools, Technical Writing, Agile Process, Google Analytics, LaTeX, GIMP
What else do I do?	Licensed Pivot Pilot, Emergency Medical Technician, CPR/AED Professional Rescuer, Wilderness First Aid Certified