



# Veronica Hanus

Portfolio // [vzhz.github.io](https://vzhz.github.io)  
Blog // [vzhz.github.io/blog](https://vzhz.github.io/blog)  
Github // [vzhz](https://github.com/vzhz)  
LinkedIn // [veronicahanus](https://www.linkedin.com/in/veronicahanus)  
Twitter // [veronica\\_hanus](https://twitter.com/veronica_hanus)

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 two 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 – 2017-2018

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 Originally made to combat my own terminal-intimidation, I’ve heard from several people that my “friendly terminal” app has improved their terminal experience & has even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?

Programmer, Recurse Center; New York City, NY – 2015

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

Research Engineer, Schlumberger-Doll Research; Cambridge, MA – 2014

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

Research Assistant, MIT Paleomagnetism Laboratory; Cambridge, MA – 2012-2013

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

Data Intern, NASA Jet Propulsion Laboratory; Pasadena, CA – 2009

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

What do I talk about? “To comment or not to comment? A data-driven look at conflicting attitudes toward commenting” PyTennessee, PyCascades, NYC Women’s Work Jelly — 2019  
“Git 'Hooked' on images in your version control and up your documentation game” FullStack NYC, Conference of the Association for Software Testing, & PyCaribbean — 2019  
“Exploring the Intersection of Code & Design” Flatiron School NYC — 2019  
“Version Control for Visual Learners” Git Merge Belgium — 2019  
Tutorial “Scrape, explore, and model to predict Oscar winners” PyCon – 2018  
“Using Unix to make your time in the terminal better” NYC Women’s Work Jelly – 2017  
Assisted in teaching “Python for Data Science” tutorial at Boston Code Camp 27 – 2016  
“Giving Imposter Syndrome the Kick in the Pants It Deserves” NYC Women’s Work Jelly – 2016  
Workshop “LaTeX: Academic Typesetting for Industry” at Recurse Center – 2015

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