# Veronica Hanus

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## LINKS

Github:// **vzhz**
Blog:// **vzhz.github.io**
LinkedIn:// **veronicahanus**
Twitter:// **@veronica_hanus**

## SKILLS

Over 1000 lines:
Python • LaTeX
Over 500 lines:
HTML • CSS
Familiar:
JavaScript • MongoDB
MATLAB • Django

## EDUCATION

### COLGATE UNIVERSITY
BA in Geology | 2010
Alumni Memorial Scholar Fellow

### CERTIFICATIONS
Licensed Private Pilot
Emergency Medical Technician
Wilderness First Aid Certified

## EXPERIENCE

### RECURSE CENTER | Programmer
Sep 2015 – Dec 2015 | New York City, NY
- Full-time, three month project-focused educational retreat

## RESEARCH

### SCHLUMBERGER | Research Engineer
Mar 2014 – Dec 2014 | Cambridge, MA
- Validated software-derived mineralogy results with lab data for clients, using domain knowledge of regional geology to confirm lab results

### MIT PALEOMAGNETISM LABORATORY | Research Assistant
Jan 2012 – Oct 2013 | Cambridge, MA
- Adapted lab procedures to allow single-clast terrestrial samples to be measured for the first time and saved over 30 hours of labor per run

### NASA JET PROPULSION LABORATORY | Data Intern
Jan 2009 – Aug 2009 | Pasadena, CA
- Led student effort to determine rock distributions for possible landing sites for the Mars Curiosity rover
- Introduced three students to in-house software for QA element of our project, including reporting proceedures, and software process and limitations
- Provided user UX/UI feedback and bugs found during use to software lead
- Developed assessment criteria for the hazards identified by software and methods to incorporate rock distributions into GIS datasets

## PROJECTS

### FUNCTION GENERATOR | JavaScript
Facilitates cross-dataset comparisons of climate data using JavaScript, jQuery, HTML, Mako, TurboGears 2, Python, & MongoDB

### GEOGRAPHY GAME | Python
Uses modular, recursive functions, object-oriented programming, and automated unit testing

### SIERPINSKI TRIANGLE GENERATOR | Python
Calcucations in Python, visualization in PyGame, optionally slowing the construction to ease understanding

## VOLUNTEER

### MIT STUDENT INFORMATION PROCESSING BOARD | Event Lead
Sep 2011 – Dec 2011 | Cambridge, MA
- Facilitated a 15-week series of technical lectures on a variety of computing-related topics that reached 250+ people

### BOOTSTRAP AFTERSCHOOL PROGRAM | Programming Coach
Aug 2011 – May 2012 | Cambridge, MA
- Used functional programming to leverage 14 middle-school students' excitement around videogames to teach algebric concepts by creating their own games and completing math and word problems in the process