

Veronica Hanus

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LINKS

PORTFOLIO // vzhz.github.io

GITHUB // [vzhz](https://github.com/vzhz)

LINKEDIN // [veronicahanus](https://www.linkedin.com/in/veronicahanus)

TWITTER // [@veronica_hanus](https://twitter.com/veronica_hanus)

PROGRAMMING SKILLS

PYTHON • L^AT_EX • GIT • SQLITE

HTML • CSS • FLASK

JAVASCRIPT • DJANGO

EDUCATION

BA IN GEOLOGY | 2010

COLGATE UNIVERSITY

Alumni Memorial Scholar

CERTIFICATIONS

LICENSED PRIVATE PILOT

EMERGENCY MEDICAL TECHNICIAN

CPR/AED PROFESSIONAL RESCUER

WILDERNESS FIRST AID CERTIFIED

TECHNICAL EXPERIENCE

RECURSE CENTER | PROGRAMMER

Sep 2015 – Dec 2015 | New York City, NY

- Focused on building modular and scalable software in Python, ensuring both best-practice design and a highly usable product
- Explored the fundamentals of low-level (C) and functional (Elm) programming
- Presented on T_EXhistory and L^AT_EXtypesetting language
- Provided weekly one-on-one feedback and mentorship for nontraditional student starting her transition from sales to software

MIT PALEOMAGNETISM LABORATORY | RESEARCH ASSISTANT

Jan 2012 – Oct 2013 | Cambridge, MA

- 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

NASA JET PROPULSION LABORATORY | DATA INTERN

Jan 2009 – Aug 2009 | Pasadena, CA

- 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

TEACHING EXPERIENCE

BOOTSTRAP AFTERSCHOOL PROGRAM | PROGRAMMING COACH

Aug 2011 – May 2012 | Cambridge, MA

- Provided 1-on-1 and group instruction for 14 middle-school students in creating their own games during 10-week program
- Used functional programming (Scheme) and pair programming to teach algebraic concepts (Pythagorean theorem & writing appropriate algebraic functions) and programming concepts (problem solving using the Design Recipe, data types, Boolean logic, conditional branching, functions & variables)

MIT ACADEMIC TEACHING INITIATIVE | WRITING INSTRUCTOR

Sep 2011 – Jun 2012 | Cambridge, MA

- Developed & taught 12-week SAT Writing course for 60 students (3 sections)
- Developed online system for student homework submission and grading using a combination using Google Tools

VOLUNTEER EXPERIENCE

TECHIE YOUTH | TEACHING ASSISTANT

July 2016 – Aug 2016 | New York, NY

- Assisted in preparing aging-out foster children for positions in IT

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

COLGATE UNIVERSITY GEOLOGICAL SOCIETY

ADVISOR (2009-10) & VICE-PRESIDENT (2008) | HAMILTON, NY

- Coordinated quarterly presentations of Earth Science topics at local schools with typical participation of 60+ middle school students