

SARAH PISTONE

Santa Rosa, CA • sarah@hdvine.com • (707) 533-3511

EDUCATION:

Stanford University, Stanford, CA
Master of Science, Energy Resources Engineering, 2011

Smith College, Northampton, MA
Bachelor of Arts, Geology, 2006

SKILLS: All MS Office products (advanced use of Excel and VBA), Trimble GPS Products, and ESRI ArcMap Desktop

EXPERIENCE:

HDVine LLC, Santa Rosa, CA (September 2016 – Present)

CEO and sole member

- Mapping and agricultural design services primarily for hillside vineyard development in Napa, Lake, and Sonoma Counties.

Calpine Corporation, Middletown, CA (September 2011 – June 2016)

Reservoir Engineer and Steamfield Engineer

- Utilized computer models to evaluate geothermal reservoir performance and to produce predictions of future output.
- Designed and managed new pipeline installations and repairs to existing systems. Experience sizing pipelines and control valves, working with Techs to design automation routines, and data management.

National Renewable Energy Laboratory, 1617 Cole Blvd, Golden, CO 80401 (October 2010 – June 2010)

Team Leader, National Geothermal Student Competition

- Organized a team of Stanford University graduate students to participate in NREL's first National Geothermal Student Competition.
- We assembled a realistic exploration and development plan that included preliminary engineering for small-scale geothermal power development in the eastern San Luis Basin, Colorado.

Ormat Technologies, Inc., 6225 Neil Road, Reno, NV (July 2010 – September 2010)

Geology Intern, Geothermal Resource Development

- Conducted preliminary background research on prospective greenfields including literature review, site reconnaissance, and analysis of preexisting data.

Millipore Corporation, 290 Concord Rd., Billerica, MA (January 2009 – May 2009)

Sustainability Intern

- Collected data and organized global greenhouse gas inventory.
- Prepared data and figures for corporate sustainability report.

HRP Associates, Inc., 195 Scott Swamp Road, Farmington, CT (September 2006 – July 2008)

Project Geologist

- Performed environmental site assessments and subsurface investigations for sites with the potential for soil and/or groundwater contamination.
- Professional training: OSHA HAZWOPER, OSHA Confined Space, Asbestos Inspector

CEKA Undergraduate Research Program, Pennsylvania State University, State College, PA (Summer 2005)

Student Research Assistant

- Performed geochemical analyses on soil samples.

Department of Geology, Smith College, Northampton, MA (Fall 2004)

Mineralogy Laboratory Assistant

- Instructed laboratory activities and guided proper use of mineral identification tools.

Smith College Outdoor Program, Northampton, MA (August 2004 – May 2005)

Student Intern

- Organized and led student trips including: rock-climbing, hiking, backpacking, snowshoeing, and whitewater rafting.

Pomperaug River Watershed Coalition, Southbury, CT (Summer 2003)

Student Intern

- Collected field data that mapped local stream characteristics including shape, flow rates, and pollution sources. Trained local volunteers.