

Betsy (Elizabeth) S. Gillard, PE

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Education and Qualifications

Codecademy: Full-Stack Engineer Professional Certification #63E6CBB690 5/2022 - 2/2023
Gained proficiency in: HTML, CSS, JavaScript, Node.js, Express.js, Git & GitHub, React, Redux, SQL, PostgreSQL, Web security, Data structures, and Algorithms

Professional Engineer (PE): Civil, Water Resources and Environmental Systems Colorado PE.0055665

Portland State University: Bachelor of Science Civil Engineering Completed 8/2012
President of Chi Epsilon Civil Engineering Honor Society / Leader in Student Services Award

Relevant Work Experience

Colorado Parks and Wildlife Department, Denver, CO | Design Engineer 7/2019 - 5/2022

- Completed engineering design and invitation-for-bid packages for projects at state parks and wildlife areas throughout Colorado.
- Was individually responsible for managing budgets, procurement, and contractor bids for all projects.

Colorado Department of Public Health and Environment, Glendale, CO
Oil and Gas Permit Engineer, Air Pollution Control Division 1/2015 - 7/2019

- Received Certificate of Appreciation for initiative on website improvement.
- Overhauled oil and gas permitting site to create a more logical interface for companies and streamline internal document/information update process.
- Represented the Oil & Gas Permitting Team in monthly stakeholder engagement meetings to determine new emission reduction strategies for industry.

GRANT Engineering, New York, NY | Staff Engineer 1/2013 - 10/2014

- Provided engineering design and technical support on a variety of successful projects at a small, rapidly-growing company, requiring innovation and flexibility.
- Managed projects and client interactions from proposal creation to regulatory agency closeout.

Multiple Engineering Cooperative Program (MECOP), Multiple Cities | Engineering Intern 2009 - 2011

- Competitive internship program with emphasis on on-the-job training and skills.
- Completed two full-time, 6-month paid internships with Clark County Public Works in Vancouver, WA and Kennedy/Jenks Consultants in Portland, OR.
- Received Outstanding Intern Scholarship from Kennedy/Jenks Consultants.

Additional Experience

SUNI website redevelopment 6/2022 - present

- Reorganizing and overhauling website for Sunnyside United Neighbors, Inc. (SUNI).
- Projected launch May 2023

GESTEM (Girls Exploring Science, Technology, Engineering, and Math) 12/2017 - present
Guide Coordinator

- GESTEM is a SWE-sponsored annual event for 1,000+ middle-school girls, with cooperation from local science, technology, and engineering companies and with a budget of over \$50,000.
- Responsible for recruiting, training, and providing day-of assistance for 150+ event volunteers.

Engineers Without Borders

- Denver Professionals: Tanzania sanitation project 8/2015 - 1/2017
- New York Professionals: El Salvador WASH project, Chapter Secretary 9/2013 - 5/2014
- Portland State University: Nicaragua water project lead, Chapter President 2/2010 - 5/2012