

Elizabeth (Betsy) S. Gillard

Denver, CO

| beegillard@gmail.com

| (520) 241-3603

| [personal website](#)

EDUCATION AND QUALIFICATIONS

- Codecademy:** Full Stack Engineer Course, Professional Certification #63E6CBB690 Completed 2/2023
JavaScript, Node.js, HTML, CSS, Express.js, Git & GitHub, PostgreSQL
- Skill Path: Web Apps with ASP.NET Completed 8/2023
C#, Razor Pages, ASP.NET
- Portland State University:** Bachelor of Science Civil Engineering Completed 8/2012
President of Chi Epsilon Civil Engineering Honor Society / Leader in Student Services Award 2012
- Professional Engineer (PE):** Civil, Water Resources and Environmental Systems Colorado PE.0055665

RECENT WORK EXPERIENCE

- Part-time math tutor,** Denver, CO | *Self-employed* 3/2022 - present
- Algebra, pre-calculus, geometry, and trigonometry tutoring for middle- and high-school students.
 - Every individual student has shown marked improvement in grades, test scores, and confidence in math.
- Career break,** Denver, CO and Tucson, AZ 5/2022 - 7/2023
- Caregiver for parent following TBI and stroke.
 - Completed several software engineering courses to aid in career development.
- Colorado Parks and Wildlife Department,** Denver, CO | *Design Engineer* 7/2019 - 5/2022
- Engineering design and invitation-for-bid packages for projects at state parks and wildlife areas.
 - Structural design and specifications for wellhouses, trailhead infrastructure, and recreational areas.
- Colorado Department of Public Health and Environment,** Glendale, CO 1/2015 - 7/2019
Oil and Gas Permit Engineer, Air Pollution Control Division
- Received Certificate of Appreciation for initiative on oil and gas permitting website improvement.
 - Created a more logical interface for customers, streamlined internal document/info update process, and supported subsequent website help for other units.
- GRANT Engineering,** New York, NY | *Staff Engineer* 1/2013 - 10/2014
- Engineering design and technical support on a wide variety of successful projects at a small, rapidly-growing company, requiring innovation and flexibility.
 - Sheeting/shoring plans for new developments, structural design for building retrofits and upstate cabins.
- Multiple Engineering Cooperative Program (MECOP),** Multiple Cities | *Engineering Intern* 2009 - 2011
- Competitive internship program with two full-time 6-month paid internships.
 - Interned at Clark County Public Works in Vancouver, WA and Kennedy/Jenks Consultants in Portland, OR.
 - Received Outstanding Intern Scholarship from Kennedy/Jenks Consultants.

ADDITIONAL EXPERIENCE

- GSTEM (Girls Exploring Science, Technology, Engineering, and Math)** 2017 - present
Planning Committee Member, Volunteer Coordinator
- Society of Women Engineers-sponsored annual event for 1,000+ middle-school girls.
 - Responsible for recruiting, training, and providing day-of assistance for 150+ event volunteers.
- Engineers Without Borders** 2010 - 2017
- Denver Professionals: Tanzania sanitation project
 - New York Professionals: El Salvador WASH project, Chapter Secretary
 - Portland State University: Nicaragua water project lead, Chapter President