

# SHERYL P. BERMUDEZ

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## PROFESSIONAL SUMMARY

Engineering professional with 3+ years of holistic work experience executing design skills and management while upholding integrity, creativity and kindness as a component of engineering service.

## EDUCATION

University of California Santa Barbara *Earth Science Geohydrology*, B.S. (2017)

Expected EIT Exam Sitting (Jan 2021, pending COVID-19)

## TECHNICAL SKILLS

AutoCad, TDS Survey, Retain Pro, WSPGW, Adobe DC Pro and Illustrator, ARC GIS Pro, Microsoft Suite, Quick Books

## WORK EXPERIENCE

### ASSISTANT CIVIL ENGINEERING– Tuttle Engineering, Redlands CA

(July 2017-present)

#### Design

- Assist in the design of City required grading and improvement plans for commercial plazas and single-family residences
- Operate Total Station to conduct field survey of topography, boundary lines and stake precise utilities

#### Environmental Compliance

- Analyze site discharge calculations to determine flow control methods to produce technical reports
- Prepare environmental compliance documents such as WQMP, SWPPP, LID and Hydrology Studies
- Conduct weekly field inspections to communicate Best Management Practices to onsite operations

#### Office Operations

- Establish relationships with clients and governmental agencies ensuring contract integrity and submittals
- Oversee project progress, budget and invoices by managing client contracts and construction timelines
- Hire and instruct Assistant surveyor by teaching proper field principles and construction bidding

### STUDENT ASSISTANT - UC Santa Barbara, Global Studies

(September 2014 - June 2017)

- Liaison between students and faculty by managing department websites and organize evaluations

### LAB ASSISTANT- UC Santa Barbara, Earth Science Porter Lab

(January 2016 – May 2016)

- Collected rock sample solution, identify microfossil using scan probe and systemize data for graph curation

### LAB ASSISTANT- UC Riverside, Earth Science Droser Lab

(September 2015 – December 2015)

- Recorded and scaled microfossil specimens on Adobe Illustrator and Image J

## AFFILIATIONS

- American Society of Civil Engineers

## VOLUNTEER EXPERIENCES & RELEVANT FIELD COURSES

- **Redlands Bicycle Classic**– Designed permanent road sign in Downtown Redlands advancing community
- **UCSB Geomorphology Lab** – Assisted in field analysis of local riparian vegetation, and map coastal units to extrapolate technical data for efficient sustainable management
- **UCSB- Field Hydrology and Soil Sciences** – Created technical field reports of hydraulic implications of springs and wells through sampling, gauging, infiltrometer testing at Sagehen Creek Field Station