

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