

Contact

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Top Skills

Civil Engineering

Project Management

Construction Site Inspections

Languages

English (Native or Bilingual)

French (Elementary)

Certifications

Engineering Project Management
Specialization

Geologist-In-Training

AutoCAD Civil 3D: Site Design

Engineer-In-Training

Matthew M. Smith

Design Engineer, EIT, GIT

San Francisco Bay Area

Summary

Early-career civil engineer with a background in geoscience, utility design, park management, technical SCUBA diving, and ocean lifeguarding.

Experience

BKF Engineers

Design Engineer

February 2025 - Present (5 months)

San Jose, CA

Ensuring efficient and accurate utility relocations for the BART Silicon Valley (BSVII) Extension Project. Weekly tasks include construction site visits for Quality Assurance, updating engineering drawings using Revu and Civil 3D, and attending project management meetings.

PARIKH Consultants, Inc.

Staff Engineer

May 2024 - February 2025 (10 months)

Milpitas, CA

Supported senior engineers in drafting geotechnical reports, providing subsurface site information for structural engineering teams. Field and office work included borehole logging, sample collection, and engineering analysis for geotechnical site assessments. Software used includes Plaxis, gINT, LPILE, and CPeT-IT.

University of California, Berkeley

Graduate Student Instructor

January 2024 - May 2024 (5 months)

McCone Hall, Berkeley, CA

Independently presented lectures and rock identification exercises for two lab sections of fifty students in EPS 50, a sophomore-level earth science course. Additional duties included leading office hours and grading exams/assignments.

Work Experience Continued

Santa Clara Valley Water District

Civil Engineering Intern

May - August 2023 (4 months)

Assisted senior engineers with the construction management and quality assurance of the Anderson Dam Tunnel Project. Weekly duties included inspecting construction and tunneling progress, attending project management meetings about potential change orders, and scheduling multiple on-site contractors.

California State Parks – Santa Cruz County

Ocean Lifeguard and EMT

June 2018 - August 2021 (3 years 3 months)

Advised visitors of the safety hazards and laws that relate to State Park Beaches. Duties included general risk assessment of ocean conditions, frequent radio use, keeping a watchful eye on in-water activities, and provided aquatic rescue services to those in need. In the off-season, additional training included Swiftwater Rescue Technician and Wilderness First Responder.

City of San José – Public Works

Engineering Technician

November 2019 - July 2020 (9 months)

Reviewed and drafted technical specifications using AutoCAD, ArcGIS, and MS Office Suite. Additional tasks involved troubleshooting discrepancies found during the planning, design, and bidding phases of current projects. Less common activities included visiting construction sites and reviewing CCTV footage of pipeline inspections.

Davey Resource Group, Inc.

Consulting Utility Forester

February - October 2019 (9 months)

Performed line-clearance inspections of trees along the high-voltage distribution lines within Santa Clara County. Responsibilities were to identify tree species, growth rates, presence of disease, and potential for limb failure.

City of Cupertino

Park Ranger (non-commissioned)

March - October 2018 (8 months)

Patrolled the trails and creek between Stevens Creek Road and McClellan Ranch Preserve. This included informing visitors of the rules and regulations of the park, conducting public safety announcements, park maintenance, landscaping, and being a visible representative for the City.

CA Air National Guard, 131st RQS

Maritime Program Manager

April 2015 - June 2017 (2 years 3 months)

As a contracted civilian Subject Matter Expert, the primary responsibility was the preventative maintenance of SCUBA equipment for a dive team of about ten individuals. Other tasks were to ensure best practices during training exercises and the planning of search and recovery operations.

Westgate Cabana Club

Swim Instructor, Lifeguard, and Coach

2005 - 2011, 2014 (8 seasons)

Summer employment as a Swim Instructor for children, teens, and adults. After three seasons, this included managing ten employees, assessing and placing students into classes, and scheduling five two-week sessions for 40 students. Transitioned to Assistant Coach of the competitive youth summer swim team for the last three seasons.

Education

University of California, Berkeley

MS, Civil Engineering - GeoSystems · (2024)

Cal Poly Humboldt

BA, Interdisciplinary Studies - Geoscience & Engineering · (2025)

West Valley College

AS, Applied Physics · (2022)

AS, Park Management · (2018)

SCUBA Diving International

Open Water Instructor · (2018)

Technical, Master, and Public Safety Diver

UC Santa Barbara

BS, Geological Sciences · (2011)

Santa Barbara City College

AS, Marine Diving Technology · (2013)

Organizations

American Society of Civil Engineers (ASCE)

Associate Member – San Jose Branch

Association of Environmental & Engineering Geologists (AEG)

Member – SF Bay Area Chapter