

Meera Kota, EIT

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Education

University of California, Berkeley

August 2021 - May 2022

M.S. GeoSystems Engineering (in-progress)

University of California, Berkeley

August 2015 - May 2019

B.S. Civil and Environmental Engineering

Minor in Energy and Resources

Relevant skills and info: Slide (Slope Stability software), CLiq (CPT Liquefaction analysis), Basalite (MSE Wall Design Software), Matlab, GeoSlope Suite (Slope Stability), PLAXIS, gINT, Context Capture, CloudCompare

Selected Coursework: Advanced Geomechanics, Earthquake Engineering, Engineering Geology, Infrastructure Sensing and Modeling, Foundation Design Capstone, Groundwater and Seepage, MATLAB & Data Analytics, and Data Science Fundamentals (Python)

Teaching Experience: Graduate Student Instructor, Fall 2021, for Undergraduate Geosystems Engineering Design Capstone

Awards and Honors: Deep Foundations Institute Scholarship (2021), Chevron Environmental Engineering Scholarship (2018), Appointed Marketing Chair for UC Berkeley Chapter of Earthquake Engineering Research Institute (2021)

Relevant Experience

ENGEO

June 2019 - June 2021

Staff Geotechnical Engineer- San Ramon, California

- Was responsible for designing earth-retaining structures, analyzing slope stabilization, foundation design, liquefaction analyses, and seismic evaluation
- Developed complex geotechnical recommendations for construction of private and public projects around the Bay Area, and developed strong project management skills
- Led field work activities including exploratory soil logging, observation of pier and pile installation, shoring structures, deep soil mixing, and performed load tests
- Joined internal Sustainability and Diversity and Inclusion efforts

Langan Engineering and Environmental Services

January 2018 - May 2019

Environmental and Sustainability Intern- Oakland, California

- Helped calculate the firm's carbon footprint by purchasing carbon offsets and authored a report that facilitated the firm to become Carbon Neutral. This initiative led Langan to win the 2019 Acterra Business Environmental Award for Sustainability
- Cultivated a stronger corporate sustainability culture through events and presentations; aided in environmental data analysis

Burns & McDonnell

May 2018 - Aug 2018

Environmental Engineering Intern-Fullerton, California

- Authored final groundwater monitoring report for local Waterboard
- Conducted internal research on SGMA (Sustainable Groundwater Management Act), and created Grain Size Logs based on Geotechnical Boring Logs
- Helped plan local 2019 ASCE Sustainability Conference

Re-inventing the Nation's Urban Water Infrastructure (ReNUWit)

June 2017 - May 2018

Undergraduate Researcher-Berkeley, California

- Conducted research in the UC Berkeley Energy and Resources Group under Dr. Sasha Harris-Lovett, on multi-benefit water infrastructure and barriers for its implementation within California's current water infrastructure