

CURRICULUM VITAE - SAMUEL W. NOLAN

Senior Engineer

Current Address

COTTON, SHIRES AND ASSOCIATES, INC.
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Los Gatos, California 95030
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Registration

Registered Professional Civil Engineer in California, No. 84148

Education

MS, Geotechnical Engineering, University of California, Berkeley, California, 2014
BS, Civil Engineering, California Polytechnic University, San Luis Obispo, California, 2011

Representative Experience

Mr. Nolan is a licensed civil engineer in California and has experience in the field of geotechnical engineering including slope stability analysis and design, lateral support system analysis and design, seismic analysis and foundation design. As a senior engineer, Mr. Nolan has assisted Cotton, Shires and Associates (CSA) with the following field tasks: topographic surveying, distress mapping, logging of exploratory boreholes and test pits, compaction testing, and installation and monitoring of inclinometers, extensometers, piezometers, and wells. In addition to field work, Mr. Nolan assists CSA with foundation analysis, slope stability analysis, seismic response analysis and liquefaction analysis, foundation design, retaining wall design, laboratory testing (Atterberg ASTM D4318, Sieve ASTM C136, 200 wash ASTM D1140, Compaction curves ASTM D1557, Hydrometer ASTM D422, Moisture content ASTM D2216, Wet and dry density), and carrying out peer reviews of on-going and proposed work done in the bay area.

Mr. Nolan is proficient with the following programs to carry out the above mentioned tasks: AutoCAD, Digipro, Geo-Slope SLOPE/W, HydroCAD, Plaxis, Retain Pro, Shake2000, and various programs within the Rocscience suite.

Professional History

Senior Engineer, Cotton, Shires and Associates, Inc. December 2016 to present
Senior Staff Engineer, Cotton, Shires and Associates, Inc. June 2014 to December 2016
Staff Engineer, Cotton, Shires and Associates, Inc., July 2011 to July 2013
Staff Engineering Intern, SPI Consulting, Summer 2009
Engineering Intern, Sandis: Civil Engineers, Surveyors, and Planners, Summer 2007