

CURRICULUM VITAE - KEVIN J. HARMON

Senior Staff Geologist/GIS Analyst

Current Address

COTTON, SHIRES AND ASSOCIATES, INC.
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Registration

Registered Professional Geologist in California, No. 9934

Education

B.S., Earth Science, UC Santa Cruz, California, 2016
B.A., Computer Science, UC Santa Cruz, California, 2016

Representative Experience

Mr. Harmon has over 5 years of professional experience as a geologist at Cotton, Shires and Associates, Inc (CSA). As a geologist, Mr. Harmon has assisted CSA with a variety of projects through collection, compilation, and analysis of geologic data, and preparation of technical maps and reports. In addition, Mr. Harmon assists CSA with the following tasks: topographic surveying, distress mapping, geologic mapping, floor level surveying, logging of exploratory boreholes and test pits, laboratory testing, earthwork observation and testing, along with installation and monitoring of inclinometers, extensometers, piezometers.

Mr. Harmon has also worked on various projects pertaining to geologic and geotechnical peer reviews for multiple San Francisco Bay Area communities, including proposed land divisions and building permit applications. This work includes detailed mapping and analysis of sites to properly identify and assess potential geotechnical hazards.

Mr. Harmon also has extensive experience with Geographic Information Systems (GIS). GIS projects with CSA include municipal geologic maps, movement potential maps, and geologic hazard mapping of canals and penstocks in the Sierra Nevada Mountains and debris flows in the CZU burn areas. Mr. Harmon is also proficient with the following programs and coding languages: AutoCAD, InSAR (Catalyst), SketchUp, Excel, Python, C, C++, and Java.

Prior to his employment at CSA, Mr. Harmon worked at University of California, Santa Cruz where he studied Earth Science and Computer Science. During his undergraduate study, Mr. Harmon assisted research scientists measuring and analyzing concentrations of radium isotopes in groundwater. Study sites include California, Alaska, and Tahiti.

Professional History

Senior Staff Geologist, Cotton, Shires and Associates, Inc. April 2016 to present
Geologist Intern, Cotton, Shires and Associates, Inc. Fall 2015