

***CURRICULUM VITAE* – KEVIN J. HARMON**

Senior Geologist

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 seven years of professional experience as a geologist at Cotton, Shires and Associates, Inc (CSA). In this role, he has been involved in various projects, contributing to the collection, compilation, and analysis of geologic data, as well as the preparation of technical maps and reports. Additionally, Mr. Harmon has provided assistance to CSA in tasks such as topographic surveying, distress mapping, geologic mapping, floor level surveying, logging of exploratory boreholes and test pits, laboratory testing, earthwork observation and testing, as well as the installation and monitoring of inclinometers, extensometers, and piezometers.

Mr. Harmon has also worked on numerous projects related to geologic and geotechnical peer reviews for several communities in the San Francisco Bay Area and San Luis Obispo County. These projects involved conducting detailed mapping and analysis of sites to identify and assess potential geotechnical hazards. The scope of his work encompassed assessing proposed land divisions and building permit applications.

Mr. Harmon possesses extensive experience in Geographic Information Systems (GIS). Within CSA, he has been involved in GIS projects, including the development of municipal geologic maps, movement potential maps, and geologic hazard mapping of canals and penstocks in the Sierra Nevada Mountains, as well as debris flows in the CZU burn areas. Mr. Harmon is proficient in various programs and coding languages, such as AutoCAD, InSAR (Catalyst), SketchUp, Excel, Python, C, C++, and Java.

Prior to joining CSA, Mr. Harmon worked at the University of California, Santa Cruz, where he pursued studies in Earth Science and Computer Science. During his undergraduate studies, he collaborated with research scientists in measuring and analyzing concentrations of radium isotopes in groundwater. His involvement in this research extended to various locations, including California, Alaska, and Tahiti.

Professional History

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