



## RESUME

Name: Donald L. Irby

Education: California Polytechnic State University, San Luis Obispo, BSCE, 1998, Civil Engineering

Professional Societies: American Society of Civil Engineers

Registration: Civil Engineer, California  
#C64582, January 2003

Experience: June 2003 - present  
Alan Kropp & Associates, Berkeley, California  
Project Engineer  
Manage geotechnical investigations and provide services during construction for a variety of projects including public schools, commercial buildings and government facilities. Responsible for conducting both preliminary evaluations and detailed investigations directed at evaluating and mitigating geologic hazards including liquefaction and slope stability. Provide recommendations for foundations, retaining walls, earthwork, expansive soil mitigation, and liquefaction hazard mitigation. Participate in internal quality control initiatives involving borehole logging, laboratory testing and engineering software.

June 1998 - June 2003  
Alan Kropp & Associates, Berkeley, California  
Staff Engineer  
Involved in performing foundation investigations, geologic evaluations, and distress investigations of hillside and flatland developments. Responsibilities include plan reviews, literature and airphoto reviews, site reconnaissance, logging of exploratory borings, laboratory testing and analysis of soil samples, geotechnical engineering analysis, and the preparation of letters and reports. Field service responsibilities include observation of earthwork, including fill density testing, foundation construction, and drainage installation aspects of projects.

January 1998 - April 1998  
California Polytechnic State University, San Luis Obispo, California  
Lab Assistant  
Duties included design and fabrication of horizontal soil extruder, supervision of students on proper CPT machine use, training of students on proper safety and operating techniques for a Mobile B-53 Explorer drill rig.

Computer Experience: STABL5, SETTLE, HPFOOT, PSA Dynamic Two Dimensional Frame Analysis Program