

Civil and Structural Engineering
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EDUCATION

Stanford University, Master of Science in Civil Engineering; 1985

University of Idaho, Bachelor of Science in Civil Engineering, Cum Laude; 1984

WORK EXPERIENCE IN DETAIL

9/03 to present **Civil and Structural Design Engineer**, B² Engineering, Juneau, Alaska, 907-586-1011. In this current self employment I provide engineering services to a wide variety of private clients. I do structural engineering for houses and light commercial buildings. I design concrete foundations for steel buildings. I design retaining walls. I design driveways and roads. I design small on-site sewer systems. I inspect construction.

9/01 to 11/03 **Construction Inspector**, Wilson Engineering, Juneau, Alaska, Jeff Wilson, 907-586-2100. Wilson Engineering performs not-at-risk construction inspection and management services for public clients. My projects included Steamship Wharf and Marine Park Improvements, Gastineau Avenue Reconstruction, and Noyes Pavillion.

1/94 to 7/01 **Intermittently Missionary and Civil Engineer**, HCJB World Radio, Papallacta, Ecuador. I helped with the design and construction of the Loretto Hydro Project. My contribution varied from topographic surveying to grouting bedrock at the dam to structural design of an aerial cableway.

6/96 to 8/99 **Intermittently Survey Party Chief**, McClintock Land Associates, Eagle River Alaska, Bill McClintock, (907) 694 – 4499. I measured land, set property corners, and staked construction. Over my career I have worked for 5 years as a surveyor, half of that land surveying, half construction staking.

5/95 to 7/95 **Quality Control Engineer**, Signet Engineering, Chile, South America, Steve Skinner. I helped with the construction management of a mineral extraction plant at the Oro Verde gold mine high in the Chilean Andes.

Summer 1992 **Survey Party Chief**, Various Employers

5/91 to 11/91 **Project Engineer**, Construction and Rigging, Inc., Dutch Harbor, Alaska, Brad West. I worked on two projects, the Paint River Fish Ladder and the Ballyhoo Dock. I kept payroll records, documented the work, and did construction surveying. There is a feather in my hat from this job. A time study that I recorded in a daily report was the basis for winning a \$200,000 claim on a \$1,000,000 job.

2/88 to 5/91 **Engineering Assistant**, Alaska Department of Transportation and Public Facilities, Anchorage, Alaska, Steve Horn. Worked in Highway Design, Highway Construction, Right-of-Way, and Bridge Design.

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