

**Shahbaj Singh, EIT**

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(530)300-2116

**OBJECTIVE:** To obtain an entry-level Civil Engineering position that utilizes my problem solving skills.

**EDUCATION/CERTIFICATION**

Bachelor of Science, Civil Engineering

May 2021

California State University, Sacramento

Engineer in Training certified, #175119, California

October 2021

**SKILLS**

**-Communication/Organization:**

Developed organization and communication skills through participation as a member of professional student clubs and organizations. As a member the Steel Bridge Club, learned to effectively communicate and organize tasks in preparation for ASCE Mid-Pacific Conference.

**-Leadership/Management:**

As Expo Chair of the Engineering and Computer Science Joint Council (ECSJC), organized a department wide expo with all twenty-two student organizations and Alumni Association. This event was organized with consultation from the Associate Dean and multiple professors. I managed over one-hundred students during the event and oversaw activities from each of their organizations.

**-Software Applications:**

Auto-CAD, Civil 3D, Microsoft Excel with Visual Basic Application, PowerPoint, Word, MASTAN

**-Language:**

English, Punjabi, and Hindi

**PROJECT EXPERIENCE:**

**Steel Bridge:**

Designed and built steel bridge with design constraints presented in the competition for the ASCE Mid-Pacific Conference. Fabricated bridge was used to perform load tests to determine efficiency of design.

**Related Courses:** Structural Design Steel, Reinforced Concrete Design

**Senior Project:**

Design lead for bridges in Wheatland Bypass Project. Designed bridges using Caltrans design specifications. Assisted with determining route for roadway design and right of acquisition proposal.

**Concrete Canoe:**

Designed Canoe based on design specifications provided by ASCE competition guidelines. The Canoe was created using a balance of regular concrete and colored concrete.

**Related Courses:** Concrete Technology