**Shelly Moore**

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**Education**

**California Polytechnic State University, San Luis Obispo**

Bachelor of Science in **Civil Engineering**, June 20xx

Minor: **Construction Management** Class Level: Sophomore

**Technical Projects and Labs – Cal Poly**

**Computer Aided Drafting – House Design**

* Generated layered floor plans in AutoCAD and layered and detailed 3D model in SketchUp

**Engineering Statics**

* Designed and drafted two solvable truss and frame problems using AutoCAD

**Engineering Dynamics**

* Designed and tested a small scale bumper to ensure a safe deceleration during impact

**Civil Engineering Materials**

* Batched various types of concrete to meet specifications and standards
* Tested concrete samples using compression machine, concrete air meter, flexural testing machine

**Microsoft Excel**

* Analyzed large groups of data to maximize understanding of information
* Presented and organized data into charts, figures, graphs and pivot tables
* Wrote code for VBA to create an application to determine optimal study locations on campus

**Engineering Surveying**

* Performed fieldwork using a total station to traverse fields on campus, and find elevations of local points

**Fundamentals of Transportation Engineering**

 • Conducted a traffic survey for a local street from data collected using radar technology

* Developed familiarity with GIS software, and learned basic skills for navigating the program

**Technical Writing for Engineers**

* Collaborated in a team of four to create six instructional guides for a smartphone through iFixit, an open source web company
* Published clear and concise repair guides, which have garnered 13,200 hits to date

**Computer Skills**

AutoCAD, SketchUp, Microsoft Word/Excel/PowerPoint

**Leadership and Honors**

**Team Manager**, Cal Poly Intramural Soccer Team (2nd place in division)

Society of Civil Engineers – Cal Poly Chapter

Bechtel Scholarship Recipient

**Work Experience**

**Associated Students Inc. – Cal Poly** September 20xx – March 20xx

Official for Cal Poly Intramural Soccer (10-12 hours per week)

* Demonstrated effective leadership, communication, and time management skills