

Ariana Navarro

SAGE Scholar

EDUCATION:

University of California, Berkeley

BS Civil Engineering, Expected Graduation: May 2011

RELEVANT COURSEWORK:

Engineering Design & Analysis

Structure & Properties of Civil Engineering Materials

Engineering Mechanics

Engineering Geology

Environmental Engineering

SKILLS AND ACCOMPLISHMENTS:

ANALYSIS & RESEARCH

- determined the human factors involved in company incidents by analyzing incident reports
- evaluated customer service skills of bus drivers in an effort to provide better service to travelers
- reviewed discrepancy reports of hardware malfunction and accessed clarity
- consolidated work center codes to address existing inconsistencies in the system
- conducted research on silicon oil's surface tension driven instabilities
- monitored driver's compliance with contract rules and regulations

TRAINING & DEVELOPMENT

- instructed 15 mentors on projects such as making a cantilever, programming robots, and creating slime for 10 schoolchildren ranging from 3rd to 5th graders
- coordinated all aspects of a mentoring program at an elementary school
- helped establish a mentoring program to outreach and promote engineering to schoolchildren
- chosen to participate in a professional development program for undergraduates

WORK HISTORY:

Intern, Northrop Grumman Space Technology: Mission Excellence	Summer 2008
Student Worker, Los Angeles World Airports: LAX Landside Operations	2007-2008

ACTIVITIES:

De-Cal (Class) Facilitator, Berkeley Engineers and Mentors (BEAM)	2008-present
Recruitment Officer, Hispanic Engineers and Mentors (HES)	2008-present
Member, Student Achievement Guided by Experience (SAGE)	2008-present
Apprentice, Science, Math and Research Training for Students (SMARTS)	Summer 2006

AWARDS & SCHOLARSHIPS:

Hispanic Scholarship Fund, Toyota Inc.