

Terry Teacher

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Objective: To apply teaching and mechanical engineering skills as a High School Teacher

Education

Santa Clara University, Santa Clara, CA

Current GPA: 3.988

Jun 20xx

Master of Arts in Teaching, Single Subject Teaching Credential (Physics)

University of California at Santa Cruz, Santa Cruz, CA

20xx

BS in Mechanical Engineering - Awards: National Hispanic Scholar, Completed the Davis Honors Challenge

Experience

Student Teacher, Regular and Honors Physics, Del Mar High School, San Jose, CA

Aug 20xx - Present

- Leverage industry experience to create authentic problems for the students to solve and provide examples of how concepts are used in the real world
- Utilize constructivist techniques to allow the students to experience concepts and internalize their learning
- Developed excel based grading template that allows easy analysis of the test and quiz data to find the gaps in student understanding as well as misconceptions
- Developed Gantt chart based curriculum tracker to understand impacts of schedule delays
- Gather information about student interests to personalize the lesson to the class

Mechanical Design Engineer, Walnut Product Development Inc., Newark, CA

20xx - Present

- Act as a mentor to peers and junior engineers to instruct them on best practices
- Work efficiently in concurrent projects as either a project manager or team member by utilizing strong time management and resource allocation skills
- Worked with many interdisciplinary groups to solve complex problems with many constraints and competing requirements
- Strong project planning skills focusing on interdependence and connection between resources
- Engaged in two-way dialogue with ELL engineers from overseas to communicate project requirements

Classroom Volunteer, Del Mar High School, San Jose, CA

May 20xx

- Observed classroom management and teaching styles for students ages 12-18 years
- Developed and presented soldering tutorial with emphasis on safety via small group instruction

Sr. Design Engineer/Production Manager, Square Labs Inc, Menlo Park CA

20xx – 20xx

- Led team in the design and manufacturing of unique, museum quality products
- Created artwork and other collateral for project proposals to potential clients
- Developed training materials to instruct customers on product features and proper usage

Additional Engineering Experience

Senior Mechanical Engineer Contractor, MicroCircle LLC, Fremont CA

20xx – 20xx

Design Engineer, Infinite Inc, Union City CA

20xx – 20xx

Interests and Memberships

- Soccer, Baseball, Triathlon, Rowing, Fiber Arts (Knit, Sew, etc.), Metal Working, Wood Working
- National Science Teachers Association (NSTA), Physics Teacher SOS Membe