

Jam Jam James M. Perey

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OBJECTIVE

Educated and motivated engineer that has lead many different teams from software to external communications. Searching for challenges and new hurdles as it can only increase knowledge and relationships with others.

EXPERIENCE

Harvest Technical Inc./ Chevron Corp. Richmond , California February 2015 - February 2017

Junior Mechanical Design Engineer/ BPS Data Analyst

- Reconstructed Building Permit Service's (BPS's) website to be up-to-date. Allows users to navigate to their desired information quickly.
- Wrote programs to fix several errors in thousands of excel files, saving hundreds of hours and money.
- Pulled and re-arranged data into several tracking sheets to create baseline standards that helped increase the efficiency of BPS.
- Worked with Chevron Corp. to calculate the minimum thickness of piping and vessels so that likeliness of catastrophic meltdown doesn't occur.
- Inspected aging equipment for the Replacement-in-Kind(RIK) group, and documented my findings so that proper action can be taken.
- In conjunction with the RIK Group, I designed new equipment for Chevron's Management of Change projects, to increase efficiency in areas throughout the refinery.

HJ Heinz Escalon , California January 2014 - December 2014

Continuous Improvement Engineering Assistant

- Lead many different, diverse projects that improved the Quality of Life, safety, and efficiency aspect of the plant.
- Improved plant blueprints by increasing details around the plant, creating a more accurate map using AutoCAD.
- Tackled different engineering problems whenever presented, ranging from fluid dynamics to component from platforms. this helped by either cementing previous hypotheses or invalidate a design choice.
- Inspected different systems and buildings within the plant for functional and structural integrity, respectively.
- Created accurate quotes for projects ranging from simple \$1,000+ to \$50,000+, while also saving company money.
- Taken on more responsibility and duties more suited for a project engineer, as the engineering manager recently left.

EDUCATION

University of California - Merced Merced, California May 2013

Bachelor of Science in Mechanical Engineering

Honors/ Awards:

- Engineer-in-Training - NCEES, Board for Professional Engineers, Land Surveyors, and Geologists, License #149500

SKILLS

Technical:

- Pro/Engineer, SolidWorks, "R", COMSOL, Matlab, Microsoft Office, Machine Shop, AutoCAD, Ceasar II

Programming:

- Java, JavaScript, HTML, CSS, Python

INTERESTS

Breakdancing, Listening to music, Hiking, video games

References are available upon request.