VANESSA CORIA

UNDERGRADUATE CHEMICAL ENGINEER

vanessacoria8@gmail.com
(818)741-0433
in vanessa-coria

EDUCATION

University of California, Riverside
Bachelor of Science Chemical Engineering
2019

SUMMARY

A passionate energetic student that thrives to engage in innovative opportunities that can offer unique learning experiences. Takes lead on projects and excels them to the best. Have experience working with a multitude of large teams and maintaining constant communication upon updates.

EMPLOYMENT

TESLA — Fremont, CA
Project Manager Intern — June 2018 to Sept. 2018

- Communicated with cross-functional teams and ensure projects get completed by working with contractors and the requester.
- Oversaw the progress of the construction or installation of a project ensuring everything is functional.
- Work with a set of mentors, asking questions and getting a good understanding of any scope of the project, highlighting problems.
- Gather, review, and interpret any beneficial information that can be used to simplify an upcoming project.
- Managed over 50+ projects during the three month time period that summed up to be a total of $550k.

UNIVERSITY OF CALIFORNIA RIVERSIDE, MECHANICAL ENGINEERING DEPARTMENT — Riverside, CA
Student Assistant — Oct. 2016 to Current

- Work in a fast-paced environment with a group of business financial administrators to ensure that the budget is up to date.
- Communicate clearly with professors, graduate, and undergraduate students about the arrival of packages.
- Able to execute a multitude of tasks in a highly dynamic and ever-changing environment.
- Contact companies regarding unsolved orders for the department, create shipments, and negotiate with different vendors.
- Lead the new-hires through a training program instructing them on their duties and provide them with a transition document.

SOCIETY OF WOMEN ENGINEERS AT UNIVERSITY OF CALIFORNIA, RIVERSIDE — Riverside, CA
President — Apr. 2018 to Current

- Set a roadmap with goals for the academic school year that the organization and officers should fulfill.
- Communicate with the board of 17 officers to discuss the plan for the upcoming quarter, highlighting the main priority tasks.
- Build a community of skilled officers by holding weekly meetings and maintaining strong communication between team and members.

Riverside, CA
Vice President — Apr. 2017 to Mar. 2018

- Built a positive team spirit and working environment between the 19 officers.
- Contact professionals, professors, graduate, and undergraduate students about upcoming opportunities and events.
- Oversaw the different committees the officers are leading and advise them with simple solutions that are effective.
- Find simple innovative ways to advertise to the college about any of our academic, technical, or social upcoming events.

Riverside, CA
Outreach Co-Chair — Apr. 2016 to Apr. 2017

- Coordinated outreach events for local community elementary and secondary schools to inspire women in the field of science.
- Managed the $10k budgetary spending for different events by allocating the appropriate funds to the necessary materials.
- Planned the largest outreach event in the Inland Empire, Bourns Engineering Day, held here at UCR with over 1250 guests.
- Set up a timeline of tasks that needed to be completed within the time frame the committee had for Bourns Engineering Day.
- Created a diverse range of presentations and itineraries for volunteers to follow on the day of the outreach event.

PROJECTS

INTEGRATED APPLIANCE SYSTEM (IAS) SOLAR THERMAL CLOSET DRYER — June 2016 to Current

- Inventing an eco-friendly solar thermal energy closet to dry clothes while reducing the electricity bill for a household consumer.
- Collaborate with a diverse team of five undergraduate engineering students to design and launch two solar thermal closets.
- Schedule work with different contractors for any construction needed for the two different solar thermal closets.
- Install six solar panels, batteries, and inverters by working with a community of engineers and architects.
- Identify and resolve any problems that the solar prototypes might need by testing different solutions.
- Interpret qualitative and quantitative data produced from the two solar prototypes and present data to our adviser.

SKILLS

LANGUAGES: Seal of Billiteracy (English and Spanish)
PROGRAMMING LANGUAGES: C++, Python
SOFTWARE: Matlab, Bluebeam, SolidWorks, Microsoft Office
CERTIFICATES: Construction OSHA 10