6708 Hensch Ave NE   (505)620-2106
Albuquerque NM 87109   DanyelleLoffredo@gmail.com

Danyelle Loffredo

Educational Background

Bachelor of Science, University of New Mexico, Graduated May 2015
   Major: Chemical Engineering   GPA: 3.0
Bachelor of Science, Oregon State University, Expected Graduation December 2019
   Major: Computer Science   GPA: 4.0
   Minor: Data Science / Statistical Methods

Work Experience

Planning Engineer December 2017 - Present
Western Refining/Andeavor, Gallup, New Mexico
- Coordinate between the rail group, the commercial group, logistics, and refinery management
- Monitor refinery product and blendstock inventories to optimize profit margins
- Compose weekly inventory status and economic status reports for refinery management
- Monitor and control octane and RVP giveaway
- Planned and executed the reformer and DHT/KHT/NHT reload in March 2018

Process Engineer WWTP/SWAATS/Utilities/Hydrotreaters/Reformer May 2015 -December 2017
Western Refining/Andeavor, Gallup, New Mexico
- Oversaw unit operations and initiated improvement projects to eliminate defects in the system
- Managed training for Tech Services and DCS on MOC and PSM changes
- Designed activated sludge reactors for Wastewater Treatment Plant
- Established a group of SME's to evaluate the efficacy of control systems in place for each unit
- Reduced OPEX of Wastewater Treatment Plant by $800M and Sulfurox unit by $400M

Process Lab Engineering Intern July 2014 - May 2015
Albuquerque Bernalillo County Water Utility Authority, Albuquerque, New Mexico
- Developed and wrote Standards of Operations Manuals
- Executed daily lab routine with quality and safety
- Developed a Process Lab webpage for the company sharepoint

Night Auditor, March 2013 - April 2015
Rodeway Inn, Albuquerque, New Mexico

Video Manager, July 2009 - December 2012
Hasting's Entertainment, Albuquerque, New Mexico

Skills

Computer Experience: Matlab, C++, Python, Microsoft Office Suite, Prez-E, Aspen HYSYS, Aspen PIMS, Aspen MBO, PetroSim, Pi, Minitab, Hachwims, SCADA, DCS Honeywell, Power BI, HTRI, SQC
Training: Chemical Hygiene Plan Training, Hydrotreater Operation, Platformer Operation, Cooling Water and Boiler Operations, Refinery Troubleshooting, Activated Sludge Systems, PHA/HAZOP/LOPA