Cody Fondse

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Goal oriented, driven to succeed, excels in any environment.

EXPERIENCE

FEB 2021 – AUG 2021

ASSISTANT WINEMAKER: HARMONY WYNELANDS

At a local winery I developed wine-specific skills in chemical preservation and flavor analysis. I learned from master winemakers the application of fining compounds and developing blends i.e., 2019 GMA blend. During my time there, I worked to perfect sulfite concentration, volatile acidity, and learned the best methodology for custom-testing wine. The experience gave me a first-hand understanding of the entire wine making process from the vineyard to the bottle.

MAR 2020 – AUG. 2020

QUALITY CONTROL MICROBIOLOGIST: INGOMAR PACKING COMPANY

The LSAMP research internship led me to this position. I managed a group of lab technicians to design and implement their quality micro lab from the ground up. I determined the needs of the lab, ordered equipment, and developed standard operating procedures and protocols for the lab. My efforts set up the factory for a reliable laboratory process that could be sustained after my time there was complete.

OCT. 2019 – MAR. 2020

LSAMP RESEARCH INTERN, CSU STANISLAUS

During this internship, we worked with PCR and CRISPR-Cas9 protocol, in order to prepare yeast cells, *Saccharomyces cerevisiae*, for cell fusion. The purpose of this research was to force a mutation of the HO gene in the yeast to produce a mutated species of *S. cerevisiae* that can produce an alcoholic beverage, like wine and cider, with high ethanol concentration and ambrosial flavor.

JAN. 2020 – MAR. 2020

LSAMP RESEARCH INTERN, CSU STANISLAUS

This research opportunity through CSU Stanislaus for Ingomar Packing Co. This company approached Dr. Choong – Min Kang to identify organisms of contamination within their product line. The majority of contamination were fungal and bacterial species. We hypothesized that the contaminants were fermentative, acidophilic bacteria and yeast. The goal was to isolate pure colonies, use DNA purification protocol and PCR to identify the contaminants by DNA sequencing.

EDUCATION

DEC 2020

Bachelors of Science in Biology

- ❖ Concentration: Cellular, molecular, microbial biology
- ❖ Minor: Chemistry

CALIFORNIA STATE UNIVERSITY, TURLOCK, CA

- Achievements and Clubs: Dean's List and Chemistry club
- Extracurricular Activities: Science Day volunteer - Microscope Technician
- Member of: Louis Stokes Alliances for Minority Participation

MAY 2018

Associate of Arts, Natural Sciences- Modesto Junior College, Modesto, CA

JULY 2018

Associate of Science, Biological Sciences- Modesto Junior College, Modesto CA

SKILLS

- Chemistry Experience
- Time Management of task and test
- Developing and writing SOPs
- PCR
- DNA purification
- Gel electrophoresis
- Aseptic technique
- Interpretation and analysis of data
- BacT/alert
- Hygiena MicroSnap

References:

Armando Acosta (209) 403-3841

Jordan Hensley (209) 992-1339