Henry Bahr

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Summary of Qualifications and Objective

Future mechanical engineer with field and coding experience seeking an internship that will push me to grow as a software developer and/or mechanical engineer capable of implementing complex solutions like machine learning to solve modern problems and launch polished products fit for industrial use and commercial consumption.

Education

**Bachelor of Science in Mechanical Engineering Computer Science & Math Minors**

**Anticipated Graduation Date: May 2023**

University of Missouri GPA: 3.94/4.00 Columbia, Missouri

Work Experience

Interning Lab Technician and Plant Operator, Elite Octane, Atlantic, Iowa June-August 2021

* Expedited production of employee knowledge tests by creating a systematic method for converting spreadsheet data to formatted tests in Microsoft word
* Analyzed free amino nitrogen content at eight points throughout 62-hour fermentation to determine if there were still obtainable ethanol yield improvements while mitigating contamination of samples
* Executed 5 independent experiments using small scale fermentation to determine the effect of pH, brand of yeast, and acidity on ethanol yield in fermentation to identify potential fermentation improvements
* Managed the energy production center independently via control boards

Manager, Taco Bell, Columbia, Missouri June-August 2020

* Progressed from line cook to manager in three weeks due to communication and leadership skills
* Supervised staff as manager in charge; resolved customer and employee complaints and concerns
* Trained new employees at various locations in Columbia Missouri

Involvement

Treasurer, Mizzou Triathlon Club, Columbia, Missouri August 2019-May 2020

* Planned expenses for national competition including travel, lodging, and equipment and filed a budget report to secure club funding

Awards

* University of Missouri College of Engineering Dean’s list Fall 2018-Spring 2021
* National Merit Finalist Awarded August 2018
* Bright Flight Recipient Awarded August 2018

Skills

* Proficient coding ability in C and introductory experience with React web development
* OSHA, environmental, and heavy machinery training course completion