**Justin M. Pride**

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**OBJECTIVE**

Seeking a fulfilling position that offers growth opportunities in chemical engineering and chemistry

**EDUCATION**

**Bachelor of Science Chemical Engineering**  December 2020

Wayne State University, Detroit, MI

**RELATED COURSEWORK, LABORATORY AND COMPUTER SKILLS**

* Material and Energy Balances
* Engineering Design
* Thermodynamics
* Fluids and Heat Transfer
* Software Programming: MATLAB, Aspen Plus, Mini-tab, Aspen Hysis, TipsRX
* Kinetics and Reactor Design
* Physical Chemistry
* Design of Experiments
* Product and Process Design
* Risk Assessment
* Introduction to Six Sigma
* Chemical Process Safety
* Project Management
* Chemical Engineering Laboratory

**ENGINEERING EXPERIENCE**

 **Product and Process Design- Acetaldehyde Production**

* Designed and built a plant that produces 100MM of Acetaldehyde 330 days of operation per year using Aspen Plus.
* Presented project to BASF representatives.
* Developed teamwork and communication skills through group project.

**WORK EXPERIENCE**

**R&D Lab Technician** July 2017–Present

Axalta Coating System

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| * Performed multiple tasks simultaneously with accuracy and thoroughness despite time and customer volume.
* With guidance from supervision and within established procedures, conducts routine research laboratory activities, information/data management activities or operates small scale production equipment in support of research and development.
* Worked with Process Technology group, chemist/engineers to achieve individual goals.
* Used TipsRx to convert formulas.
* Understands the needs of the internal and external customers, always looking for improving and being more efficient.
* Identifies and suggest improvements in methods plans projects of limited duration and scope, troubleshoots when erroneous or unexpected results occur.
* Responsible for producing research experimental results, or information/data management results, or assembling and configuring of small-scale production equipment and control systems in a timely fashion utilizing a variety of techniques, effectively documenting findings and communicating results.
* Demonstrated individual contribution to 5s implantation, including on time daily/weekly/monthly audits, supporting 5s initiatives in common areas.
* Worked side by side with Chemists/Quality Investigators in Process Technology.
* Worked with Quality Assurance Manager in finding root causes in production batches.
* Assisted Rework Task Force team in research.

**Undergraduate Assistant**  August 2013-2017Wayne State University-Math Department* Peer supporter for students.
* Assisted lecturers in workshops following grading assignments.
* Held office hours for students who required outside help.

**Chemical Technician**  December 2014-2015 Quaker Chemical-Chrysler Engine Trenton Plant* Assisted in the collection, analysis testing and recording of machines samples, as directed
* Performed hardness testing duties and reporting.
* Made chemical additions as required.
* Worked in manufacturing environment with union associates.
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