**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 2013-2017  Wayne 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. |