

Jessica Smith

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Permanent: 1612 W Thora Cir Sioux Falls, SD 57108 ▪ Current: 1525 Cherry Ave Rapid City, SD 57701

Education:

- ◆ South Dakota School of Mines and Technology
 - Bachelor of Science; Chemical Engineering; GPA: 3.463
 - Expected Graduation: May 2019

Relevant Coursework:

- ◆ Introduction to Chemical Process Modelling, Programming, Material Balances, Computer Applications, Thermodynamics I, Fluid Dynamics, Mass Transfer, Heat Transfer
- ◆ Organic Chemistry I and Lab, Analytical Chemistry and Lab, Physical Chemistry
- ◆ Technical Communications I, Calculus III, Differential Equations, Physics II

Work Experience:

- ◆ Quality Engineer co-op, Michelin, Fort Wayne, IN January-August 2017
 - Industrialized lab equipment by running test to qualify the equipment for use and maintaining stability charts to verify reproducibility of results
 - Improved traceability of raw materials by monitoring deliveries and labeling the appropriate lot numbers and verifying the test results
 - Performed monthly tests to verify quality standards on materials that go into the tires
 - Learned about professional engineering expectations
 - Experienced working with Union employees and the different culture of a Union plant
- ◆ Cashier, Hobby Lobby, Sioux Falls and Rapid City, SD April 2013-August 2017
 - Tended to customers efficiently and pleasantly
 - Trained new employees as cashiers and practiced cashiers on returns
 - Filled in positions in various departments as needed

Activities and Honors:

- ◆ AIChE-(Treasurer Fall 2016) Fall 2015-Present
 - Used Excel and VBA to organize student membership payment
 - Participated in the Dublin Dash 5k fundraiser by preparing the final destination
- ◆ CAMP Team-Chem E Car Fall 2015-Fall 2016
 - Optimized Iodine clock reaction
 - Researched potential ideas and renovations for cars
- ◆ Danced on the Hardrockers Dance Team Fall 2015-Spring 2016
 - Worked with team members to practice and create new dance routines
 - Managed my time to practice sufficiently and perform at sporting events
- ◆ Achieved Dean's List Fall 2015-Spring 2016