

**Scott Perry**  
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## Education

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### Candidate for Bachelor of Science in Chemical Engineering with Honors

University of Arkansas - Fayetteville, Arkansas

Expected Graduation: May 2019

Cumulative GPA: 3.70    Chemical Engineering GPA: 4.0

## Job Experience

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### FutureFuel Chemical Company, Batesville, AR

Summer 2018

Chemical Engineering Intern

- Participated in multiple Process Hazard Analysis for the MMPDC herbicide process, and bromine and trimethylamine process intakes.
- Updated the chemical operating procedures and material balances in preparation for the MMPDC five-year review.
- Created cost estimates and change orders to install water knockout pots in the plant wide nitrogen and breathing air lines. Oversaw the instillation of the two projects working directly with engineering and maintenance.
- Performed lockout-tagouts for tank and vessel inspections in the tank farm.
- Performed pressure leak tests on shell and tube heat exchangers before installing them into a new process.

### Bekaert Corporation, Van Buren, AR

Summer 2017

Process Engineering Intern

- Scrap Tracking System: Created and implemented an Excel based program using VBA to track cable and wire scrap plant wide. Yearly the plant wastes \$10,000,000 in scrap and this system will record where the main issues are occurring.
  - Trained over 400 Bekaert employees on this program.
- Machine Calibration: Calibrated over 100 machines to check the accuracy of the cable length counters and recorded the efficiency of production on each machine.
- Tested Samples: Daily testing of bezinal samples from baths on the galvanizing line to determine the content percent of aluminum, iron, zinc and several other elements and compared them to regulation standards.

## Involvement/Volunteering

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### Kappa Alpha Order

Fall 2015- Present

University of Arkansas- Fayetteville, AR

- Member of the Scholarship Committee
- Member of the Financial Review Board
  - Review and report the accuracy of financial records and transactions carried out using the chapter's budget
- Partake in weekly chapter meetings and being involved has improved time management and organizational skills
- Participate in philanthropy service projects supporting Muscular Dystrophy Association (MDA) and local charities

### Habitat for Humanity

Fall 2016- Present

University of Arkansas- Fayetteville, AR

- Participate in monthly meetings for the student led Habitat for Humanity
- Plan service projects citywide and partner with Fayetteville Habitat for Humanity for community service opportunities
  - Helped build a duplex for two families in Fayetteville

### World Changers - Team Coordinator

Summer 2015

St. Louis, MO

- Led a team of members from my hometown youth group to complete a week-long build project
- Continued construction on a neighborhood outreach center for children and teenagers in need
- Had the opportunity to interact with kids from St. Louis and serve them meals throughout the week

## Engineering Projects

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### Honors Thermodynamics Project:

Spring 2017

Toured the energy plant that is responsible for providing power and water to the University of Arkansas campus. Wrote a report on what we learned and created an energy balance on one system that we observed. Wrote a mass and energy balance on a Turbine that was in the plant, but observed how several other systems throughout the plant operated.

### Honors Thermodynamics 2 Project:

Fall 2017

Learning how to use Aspen V8.8 to perform real world simulations and solve thermodynamic and chemical engineering problems. Gave the class a tutorial on Aspen and assist them in the lab when solving problems.

### Robotics Project:

Fall 2015

Constructed a robot out of Lego pieces and used a computer software program to make the robot perform various tasks on an obstacle course.