

ASHLEY KIRK

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EDUCATION

Clemson University	Graduating May 2022
<i>Bachelor of Science</i> in Packaging Science	GPA: 3.64/4.00
Business Administration Minor	Dean's List Fall '19, Spring '20; President's List Fall '21

WORK EXPERIENCE

Print Laboratory Intern	Spring 2022
<i>The Sonoco Institute at Clemson University</i>	Clemson, SC

- Operate a flexographic printing press to create samples to be used in industry testing
- Complete plate-making process noting characteristics that impact print quality
- Utilize a Esko Kongsberg C cutting table and Fujifilm Acuity Select 20 UV printer to create prototypes for industry customers

Packaging Engineering R&D Co-op	January - July 2021
<i>Arthrex Inc.</i>	Naples, FL

- Wrote packaging design validation protocols referencing ISO 11607 and ASTM standards
- Manufactured blister trays and pouches with and without defects to use to validate the team's validation test methods to ensure that acceptance criteria were met
- Worked on a size reduction project to accommodate 7 different products into the same tray with a 24.4% size reduction from their original packaging
- Collaborated with team members to find a solution to side seal blowout some products were experiencing in the field
- Created drawings for packaging instructions and material specs utilizing AutoCAD
- Executed ECOs and DCOs implementing new materials and drawings, obsoleting materials and products, and inputting packaging configurations using file management software
- Consulted with product managers, design engineers, labeling, supply chain, quality, and outside vendors to develop packaging configurations for new and existing products
- Analyzed records of hundreds of existing products and identified products that need revalidation to comply with the ever changing medical device packaging design requirements

ACADEMIC EXPERIENCE

Peach Packaging Creative Inquiry	Spring 2022
<ul style="list-style-type: none">• Design a package for peaches to educate consumers about peaches and their optimal storage• Conduct surveys to gather information from consumers about their preferences and knowledge	

Systematic Review of Heat Sealing Research	Spring 2022
<ul style="list-style-type: none">• Review journal articles for a systematic literature review of heat sealing	

Packaging Design and Development (PKSC 4200)	Spring 2022
<ul style="list-style-type: none">• Work on a team with Newell Brands to create a more sustainable packaging system for their X-acto Trimmers with a goal of eliminating expanded polystyrene	

Pack Jam Competition	Spring 2022
<ul style="list-style-type: none">• Collaborated virtually with a student from Rutgers University to create a 2 Liter Listerine refill package and received third place in the competition	

48 Hour Repack	Spring 2022
<ul style="list-style-type: none">• Entered in the IOPP's 48 Hour Repack competition with a team of 3 other packaging students where the task was to create a new Coca-Cola twelve can package	

SKILLS AND CERTIFICATIONS

Technical Skills: Microsoft Office, AutoCAD, Adobe Suite, Agile, WindChill, Solidworks, ArtiosCAD	
Soft Skills: Dependable, Creativity, Problem Solving, Teamwork, Efficiency, Communication	
Machinery Proficiency: Instron, Magna Mike, ESKO Kongsberg Tables, Lansmont Drop Tester, ESKO CDI Crystal 4835, ESKO XPS Crystal 4835, Mekrom Evo 3A	
Certifications: ISTA Lab Technician, AutoCAD Essentials	