

# Jasreet Kaur

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## EDUCATION

**Rutgers University, School of Engineering - New Brunswick, NJ** *Anticipated Graduation: May 2023*  
Bachelor of Applied Sciences in Engineering; Packaging Engineering

**RELEVANT COMPLETED COURSEWORK:** Intro to Packaging Engineering, Intro to CAD for Packaging, Packaging Evaluation Methods, Packaging Lab I-II, Distribution Packaging, Printing and Decorating, Packaging Development Processes, Safety, Science and Technical Writing, Statics, Dynamics, Intro to Supply Chain Management, Engineering Economics, Intro to Marketing, Mechanical Properties of Materials, Packaging Manufacturing I, Sustainable Packaging, Glass Engineering, Innovation & Design

**CURRENT COURSEWORK:** Senior Design, Manufacturing II, Food Packaging

**RECENT PROJECTS:** Tom Ford Refill Loop System Design, Molded Pulp Prototyping, Merck Prevymis Package Case Study

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**SKILLS:** Solidworks, PTC Creo, ArtiosCAD, AutoCAD, Visualize, ISTA-6 Package Testing, Lean SixSigma Yellow Belt, Microsoft Office, Adobe Creative Suite, Canva, Soldering, Prototyping, cGMP

**LANGUAGES:** Fluent in English and Punjabi, Varying proficiencies in Hindi and Urdu

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## WORK EXPERIENCE

### **Package Development Intern**

*January 2023-Present*

*PCI Pharma Services; Philadelphia, PA*

- Modeling, animating, and rendering components on Solidworks and Visualize for fit tests and presentations
- Designing folding carton secondary packaging concepts on ArtiosCAD
- Conducting push force studies on blister cards
- Prototyping thermoformed and folding carton samples for transit testing, fit tests, and human factors studies

### **Packaging Lab Technician**

*October - December 2022*

*Rutgers Package Testing Laboratory; North Brunswick, NJ*

- ISTA-6 transit package testing
- Vacuum leakage testing and pump functionality testing on aerosol products

### **Mechanical Engineering Intern**

*June- December 2022*

*Dialight Corporation; Farmingdale, NJ*

- Researching sustainable and effective packaging designs and materials
- Experimenting with molded pulp packaging prototyping by designing 3D printed molds
- Redesigning tertiary packaging for cost-saving and functionality
- Conducting mechanical lab testing, including vibration testing, ingress protection testing, impact testing, and thermal testing for product validation and quality assurance reviews
- Creating 3D models of new parts on PTC Creo to ensure compatibility with current parts

### **Special Education Paraeducator at ESY Summer Program**

*July- August 2021*

*Carteret Public School District; Carteret, NJ*

- Assisted students entering Pre-K in transitioning to a school environment

### **Private Tutor**

*January- June 2021*

- Tutored the student in various courses resulting in significant improvement in their overall academic performance

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## CAMPUS INVOLVEMENT

### **Packaging Club**

*January 2021-present*

- Promoting involvement in the packaging major to incoming students and peers and exploring the packaging industry
- Assisted in organizing and volunteered at Pack Jam, SOE Open House, Rutgers Day, and the Packaging Banquet

### **Engineers Without Borders (Guatemala Project; Financial Subcommittee Lead)**

*September 2019-present*

- Creating and implementing fundraising ideas to fund projects
- Drafted the *End of Year Newsletter* for sponsors and major donors

### **Society of Women Engineers**

*September 2019-present*

### **Society of Asian Scientists and Engineers**

*September 2021-present*