

Lukas Bell

Riverside, IL | (630) 880-0503 belllk@rose-hulman.edu

Civil Engineering junior, experienced in CAD software seeking a hands-on summer internship in transportation.

Education:	Bachelor of Science, Civil Engineering	May 2027
	<i>Rose-Hulman Institute of Technology</i> , Terre Haute, IN	GPA: 3.07
	<i>Related Courses:</i> Transportation Engineering, Structural Mechanics I, Concrete Design I, Steel Design, Geographical Information Systems, Water Resources, Mechanics of Materials, Civil Engineering Materials, Mechanical Systems, Conservation & Accounting Principles	
Skills:	Technical: AutoCAD Civil3D, MicroStation, SolidWorks, ArcMap, Mathcad, Maple, MATLAB, Bluebeam Revu, Adobe Illustrator, Adobe Photoshop, Microsoft Excel, Microsoft Word	
Projects:	ASCE Steel Bridge Competition	September 2025 – May 2027
	<ul style="list-style-type: none">Designed, simulated, and fabricated a 20-foot model steel bridgeEvaluated design based on time of assembly, weight, and deflection under 2500-pound loadMade use of my unique SolidWorks experience to design connections for machining	
	Wooden Bridge Competition	December 2024 – February 2025
	<ul style="list-style-type: none">Designed, simulated and constructed a 30-inch model bridge made of balsa woodComputed and analyzed the stresses in each member of the bridgeWithstood 300 times its weight	
	Rose Grand Prix Engineering	September 2023 – May 2024
	<i>Chassis & Ergonomics Team Member</i>	
	<ul style="list-style-type: none">Designed, built and raced a miniature Formula-style racecar against other collegesBuilt the car from scratch and tested it to conform to safety regulationsTested, troubleshoot, and eventually competed against other colleges times its weight	
	Landing Gear Simulation	October 2023 – November 2023
	<ul style="list-style-type: none">Created an acrylic link for a landing gear systemCalculated the exact thickness of the link and the load it had to withstandRevised our link until there was near zero wasted material, with a completely unique designWon first place with my team (lightest link that could support the load)	
Experience:	Lochmueller Group , Mishawaka, Indiana	
	<i>Bridge Design Intern</i>	July 2025 – August 2025
	<ul style="list-style-type: none">Created a spreadsheet that calculates dead load at given points on a bridgeUtilized Civil3D to make a drawing that automatically calculates its own fill quantityDrafted plans for a reinforced concrete bridge approach	
	<i>Roadway Design Intern</i>	June 2025 – July 2025
	<ul style="list-style-type: none">Graphically checked vertical curves for adequate stopping sight distanceCollaborated with senior engineer to implement his ideas into technical drawingsCreated an AutoCAD smart block to automatically snap construction lines to intersections	
	Ink Your Wear , Riverside, Illinois	September 2021 – August 2023
	<i>Graphic Designer</i>	
	<ul style="list-style-type: none">Drafted and finalized hundreds of original designsFound faster and more efficient ways to make higher-quality and more detailed print filesUsed existing design software and printing techniques to create innovative designs	
Activities:	American Society of Civil Engineers	December 2024 – May 2027
	<i>Member</i>	