

Julia Irmen

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A second-year student seeking a summer internship in the field of computer science

Education:	Masters of Science, Engineering Management Rose-Hulman Institute of Technology, Terre Haute, IN	May 2028 GPA: N/A
	Bachelor of Science, Computer Science Rose-Hulman Institute of Technology, Terre Haute, IN Status: Second-year student <i>Course Work:</i> Intro to Software Development, Object Oriented Software Development, Intro to Systems Programming, Intro to Digital Systems, Data Structures and Algorithms, Computer Architecture 1, Intro to Web Programming, Programming Language Concepts, Intro to Database Systems, Operating Systems,	May 2028 GPA: 3.69/4.0
Skills:	Software: Microsoft 365, Minitab, ProModel, QuartusPrime Programming Language: Java, Python, C, JavaScript	
Experience:	Windjammers on the Pier Navarre, Florida <i>Hostess</i> <ul style="list-style-type: none">Directed customers into and out of restaurant and surrounding areaManaged customer concerns regarding restaurant seatingCommunicated with the serving staff in a timely manner to effectively fill the 106 seats	March-August 2024
	Niceville Sharks Volleyball Club Niceville, Florida <i>Head Grassroots Coach and Assistant 14u Coach</i> <ul style="list-style-type: none">Planned practices that taught the fundamentals of volleyballCoordinated gym opening and closingCommunicated to parents and players regarding travel and tournament schedule and plans	December 2023- April 2024
Projects:	Rosie Bonfire Game: <ul style="list-style-type: none">Produced a fully functional program that successfully adhered to the Five CSSE220 Object Oriented Design PrinciplesDesigned and implemented a UML diagram that used interfaces, abstract classes, and super and sub classes that adhered to guidelines specified.Planned and developed the project in three iterative development cycles with two other teammatesBuilt a Java Swing GUI that visualized and reacted to differing events. (mouse clicks, keyboard clicks)	
	Digital Systems Guitar Hero Project: <ul style="list-style-type: none">Used an Altera DE2 FPGA prototyping system to verify functionality of a complete system, modeling the game 'guitar hero'Use simulation to verify FSM functionalityDesign a one-hot state machine to control registers in DatapathVerified FSM with functional waveform benchmarks in Quartus Prime	
Activities:	<ul style="list-style-type: none">Rose-Hulman NCAA D3 Volleyball Team- Captain 2024-2028Chi Omega Gamma Lambda Chapter Member 2024-2028Programming in the Community- Team Leader December 2024 – May 2025	