



**The Department Congratulates the Winner of the
2024 Silicon Valley Engineering Council Scholarship**

Ms. Deema Saddik

Deema Saddik, an undergraduate student studying Industrial and Systems Engineering, has always been driven by a commitment to excellence and a thirst for improvement. From a young age, she embraced challenges and sought opportunities to refine her work, valuing feedback and constructive criticism as catalysts for growth. Her passion for mathematics and science, fueled by their practical applications in problem-solving, led her to gravitate towards engineering. During an introductory computer science course in high school, she discovered the power of code to automate processes and enhance efficiency—a realization that sparked her interest in programming and motivated her to pursue a Computer Science minor.

In her freshman year of college, a company tour to Userwise exposed Deema to the intersection of user interface design and human factors engineering. She learned about the potentially life-threatening consequences of poor design on medical product usability. The profound impacts resonated deeply with her, ultimately influencing her decision to pursue Industrial and Systems Engineering to contribute towards better designed products and systems.

For Deema, ISE represents the convergence of engineering, technology, and business—a field where she sees endless opportunities to drive systemic improvements. With a keen interest in healthcare, she envisions leveraging her skills to enhance the efficiency and quality of patient care delivery systems, guided by principles of continuous improvement and holistic problem-solving.

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Deema Saddik, continued:

Her academic journey is equipping her with a diverse skill set, from statistical analysis to process optimization techniques, preparing her to tackle complex real-world challenges. Beyond the classroom, Deema is actively involved in mentoring and tutoring initiatives, channeling her passion for education and community engagement. She is also the Publicity Director of the Institute of Industrial and Systems Engineering chapter at SJSU.

Outside of her academic pursuits, Deema finds joy in spending time with family and friends, exploring the outdoors, and acquiring new skills. If she has time and the sun's out, odds are she's at the beach or hiking somewhere. She also loves reading fiction, history, and self-improvement books and meeting new people.



She hopes to bring the skills she learns through her experiences to make better systems a reality. She believes a leader is someone who listens, learns, takes initiative, and inspires others through their own actions and hopes to embody these traits as she steps into the real world. With a steadfast commitment to excellence and a dedication to making a positive impact, she is poised to embark on a fulfilling career in Industrial and Systems Engineering, where she hopes to contribute to significant changes, lead by example, and inspire everyone around her to strive for excellence.

In that spirit...

...she has shared this beautiful sunset with us.