



The Department Congratulates

Winner of the May, 2021 College of Engineering Donald Beall Award for Engineering Accomplishment

Ms. Afreen Chaus, MSISE



Ms. Afreen Chaus entered the MS-ISE program in Spring 2019 with a BA in Chemistry from UCSB. After her first semester at SJSU, she received an internship through the instructor of ISE 260 – Healthcare Delivery Systems. Since then, she has been working on improving healthcare operations while completing her graduate program. Her academic performance is very impressive; she earned outstanding grades in many classes, with a final GPA above 3.9. In addition to the fact that she is an excellent student, she has served as the Instructional Student Assistant (ISA) for two graduate ISE courses. In one of these assignments, she assisted a brand-new assistant professor and in the other she assisted delivering a foundation course of the newly established MS-AI Program to employees of Lockheed Martin, which is a corporate client of COE Extended Studies and currently offers three different SJSU COE MS Programs concurrently to its employees.

Ms. Chaus' research accomplishments are outstanding as well. She applied for and was accepted into the Fall 2020 pilot (one-year) program of SJSU Scholar Program at NVIDIA, where she works with the head of its operations and warehouse team to improve its current warehouse system operations and software. In researching for her MS Project under the supervision of Dr. Ayca Erdogan, she applies data analytics methods and machine learning to a very large longitudinal foster-care data set in hopes to identify patterns in foster-care patterns and to optimize matching between foster children and foster families. Ms. Chaus is looking to pursue a PhD in Operations Research once the COVID-19 crisis is over, in order to get a full PhD experience without any access constraints to educational resources.

The Department is pleased to congratulate Ms. Chaus on winning this prestigious College award.