

Anna Deza

CONTACT	University of California, Berkeley Industrial Engineering & Operations Research 4141 Etcheverry Hall, Berkeley, CA, 94709	email: annadeza@berkeley.edu website: annadeza.github.io
EDUCATION	University of California, Berkeley Doctor of Philosophy Industrial Engineering & Operations Research 2020 – Present Advisor: Alper Atamtürk	
	University of Toronto Bachelor of Applied Science in Engineering Science, Machine Intelligence 2016 – 2020 Graduation with High Honours Advisor: Merve Bodur	
PUBLICATIONS	Safe Screening for Logistic Regression with $\ell_0 - \ell_2$ Regularization A. Deza, A. Atamtürk. <i>KDIR, 2022. (Won Best Paper Award)</i>	
	Learning Seed Placements and Automation Policies for Polyculture Farming with Companion Plants Y. Avigal, A. Deza, et al., <i>ICRA, 2021</i>	
	Distance Between Vertices of Lattice Polytopes A. Deza, A. Deza, Z. Guan, L. Pournin. <i>Optimization Letters, 2020.</i>	
WORKING PAPERS	Mixed Integer Optimization Formulation for Fair Regression A. Deza, A. Gómez, A. Atamtürk.	
	Logic Rules and Chordal Graphs for Sparse Learning A. Deza, A. Gómez, A. Atamtürk.	
TALKS & CONFERENCES	Logic Rules and Chordal Graphs for Sparse Learning <ul style="list-style-type: none">- INFORMS Annual Meeting, Phoenix, 10/2023- AI4OPT Retreat, Berkeley, 04/2024- MIP Poster Competition, Lexington, 06/2024- ISMP, Montréal, 07/2024	
	Safe Screening for Logistic Regression with $\ell_0 - \ell_2$ Regularization <ul style="list-style-type: none">- Workshop on Recent Advances in Optimization, Fields Institute, Toronto, 12/2022- KDIR 2022, Valletta (Virtual), 10/2022- INFORMS Annual Meeting, Indianapolis, 10/2022- AI4OPT Institute, Virtual, 09/2022- MIP Poster Competition, Rutgers, 05/2022	
	A Multistage Stochastic Integer Programming Approach to Distributed Operating Room Scheduling <ul style="list-style-type: none">- CORS Annual Conference, Virtual, 06/2021- INFORMS Annual Meeting, Virtual, 11/2020	

RESEARCH EXPERIENCE	AUTOLAB , UC Berkeley	Summer 2020
	CEAR Lab , Technion - Israel Institute of Technology	Summer 2019
	Discrete Optimization Team , RIKEN Adv. Intelligence Project, Tokyo	Summer 2018
	Laboratoire de Recherche en Informatique , Université Paris-Sud	Summer 2017
TEACHING EXPERIENCE	Graduate Student Instructor: IEOR262A: Mathematical Programming I	Fall 2022
	Graduate Student Instructor: IEOR142: Introduction to Machine Learning	Fall 2021
HONORS AND AWARDS	KDIR 2022 Best Paper Award	2022
	MIP 2022 Best Poster Award	2022
	UC Berkeley IEOR 1 st Year Department Fellowship	2020
	INFORMS Undergraduate Operations Research Prize Finalist	2020
	MITACS Globalink Research Award \$6000	2019
	ESROP - Global Award	2019
	Engineering Science Chair's Scholarship	2018
	Exceptional Opportunity Award	2017
	Dean's Merit Award	2017
SKILLS	Dean's Honor List	2016-2020
	Languages English, French, Hebrew	
	Computational Python, Julia, Gurobi, Mosek	
SERVICE AND LEADERSHIP	AI4OPT Student Leadership Council Co-Chair & UC Berkeley Rep.	2022 – Present
	INFORMS UC Berkeley Student Chapter Organizer	2023 – 2024
	Society of Women Engineers Invited Speaker	2021 – 2022
	Women in Science & Engineering (WISE) Mentor & Speaker	2018 – 2022
	Berkeley Undergrad Research Program Mentor	2021 – 2022
	NSight Student Mentorship Program Chair & Mentor	2018 – 2020