

BURLA ECE ONDES

School of Industrial Engineering, Purdue University
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EDUCATION	<i>Ph.D. in Industrial Engineering</i>	2019 - Present
	Purdue University West Lafayette, IN Expected graduation: Spring 2024	
	<i>M.S. in Industrial Engineering</i>	2022
	Purdue University, West Lafayette, IN	
	<i>B.S. in Industrial and Systems Engineering</i>	2019
	University of Florida, Gainesville, FL Summa Cum Laude	
RESEARCH INTEREST	Simulation optimization, multi-objective optimization	
PUBLICATIONS	B. E. Ondes and S. R. Hunter. 2022. An upper bound on the Hausdorff distance between a Pareto set and its discretization in bi-objective convex quadratic optimization. <i>Optimization Letters</i> . https://doi.org/10.1007/s11590-022-01920-7	
RESEARCH EXPERIENCE	<i>Graduate Research Assistant</i>	2019 – Present
	advised by Prof. Susan R. Hunter School of Industrial Engineering, Purdue University Deriving error bounds for multi-objective simulation optimization algorithms	
	<i>Graduate Research Assistant</i>	2022
	advised by Prof. Jordan A. Awan Department of Statistics , Purdue University Used expectation maximization algorithm in the context of differential privacy	
	<i>Undergraduate Researcher</i>	2018 - 2019
	advised by Prof. Panos Pardalos and Prof. Hongcheng Liu Department of Industrial and Systems Engineering, University of Florida	
TEACHING EXPERIENCE	<i>Graduate Teaching Assistant</i>	2019 - 2022
	School of Industrial Engineering, Purdue University IE 230: Probability and Statistics in Engineering I (Fall 2019), class size: ≈ 180 IE 230: Probability and Statistics in Engineering I (Fall 2022), class size: ≈ 240	
	<i>Undergraduate Teaching Assistant</i>	2018 – 2019
	Department of Industrial and Systems Engineering, University of Florida ESI 4313: Operations Research II (Fall 2018), class size: ≈ 50 ESI 4523: Industrial Systems Simulation (Spring 2019), class size: ≈ 50	

HONORS AND AWARDS	<i>Graduate Women in Engineering Travel Grant</i>	2022
	GWEN Symposium, Purdue University	
	<i>Dr. J. and Williams Fellowship in Industrial Control Systems</i>	2020
	School of Industrial Engineering, Purdue University	
	<i>3rd place in European Board of European Students of Technology Competition</i>	2016
	Middle East Technical University	
	<i>4th place in Scientific and Technological Research Council of Turkey's national high school mathematics project competition</i>	2013
	Ankara University	
LEADERSHIP	<i>Leadership Team Member</i>	2022 – Present
	Graduate Women in Engineering Network, Purdue University	
	<i>Mentoring Chair</i>	2021 – 2022
	Engineering Academic Career Club, Purdue University	
	<i>Treasurer and Chair of Social Activities</i>	2019 – 2021
	INFORMS Student Chapter, Purdue University	
SERVICE	<i>Judge at PURC Poster Session</i>	2022
	Purdue University	
	<i>Judge at SURF e-Symposium</i>	2021
	Purdue University	
	<i>Tutor for ECE 201: Linear Circuit Analysis I</i>	2020
	School of Industrial Engineering, Purdue University	
	<i>Undergraduate Learning Assistant (Volunteer) for MAC 2311: Analytic Geometry and Calculus I</i>	2019
	Department of Mathematics, University of Florida	
CERTIFICATES AND SKILLS	<i>Certificates</i>	
	Institute of Industrial Engineering (IISE) Six Sigma Green Belt Certificate	
	Quantum Programming Workshop for Purdue Women Engineers and Scientists	
	<i>Languages</i>	
	English: Full professional proficiency, Turkish: Native or bilingual proficiency	
	<i>Computer Languages and Software</i>	
	MatLab, SQL, Python, Julia and VB.Net, ARENA and GAMS	
SOCIETIES	INFORMS Simulation Society, International Society of MCDM, INFORMS Computing Society, INFORMS Women in ORMS Forum, SWE, Purdue WIEP, Purdue Quantum Programming Club	
PERSONAL	<i>Citizenship</i>	
	United States of America and Turkey	