

Anna Grace White

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EDUCATION

University of Michigan , Ann Arbor, MI	Expected May 2022
PhD Pre-Candidate, Industrial and Operations Engineering <i>Rackham Merit Fellow, Science Technology & Public Policy Certificate Program Member</i> <i>Michigan Institute for Computational Discovery and Engineering Fellow</i>	
Clemson University , Clemson, SC	May 2017
Bachelor of Science, Industrial Engineering, Minor in Spanish <i>Calhoun Honors College, President's List, Dixon Global Policy Scholar</i>	
Universitat Autònoma de Barcelona , Barcelona, Spain	Spring 2015
Semester Study Abroad	

RESEARCH EXPERIENCE

Sustainable Fleet Electrification: Undergraduate Honors Thesis	Fall 2016 – Spring 2017
▪ Developed an optimization model for campus planners to transition to electric vehicle bus fleets; model creates optimal charging/running schedule, determines fleet size and number of charging stations required	
Supplier Development and Yield Improvement Strategies	Fall 2016
▪ Collaborated with a professor to analyze decision-making for manufacturer investment in suppliers; Case-studied volatile yields in recycled plastics manufacturing	
Linear Programming in AMPL Software	Spring 2016
▪ Investigated and developed linear programming models using AMPL	

UNDERGRADUATE INVOLVEMENT

Dixon Global Policy Scholar	May 2014 – Present
▪ Studied policy-making and the role of government as one of 12 selected students in a 12 day study abroad program through 5 European countries, followed by 2 courses at Clemson and a mock-policy proposal document	
Clemson University Student Government: Sustainable Education Programs Chair	Fall 2013 – Present
▪ Led subcommittee to plan and carry out education events with local elementary and high schools ▪ Organized and supported initiatives like Earth Day, Sustainability Week, Student Sustainability Initiative	
Women's Rowing Team	Fall 2013 – Spring 2014
▪ Balanced academics and 6 days of strenuous training per week; competed in all home regattas	

EMPLOYMENT

Draexlmaier Automotive of America , Duncan, SC	May 2016 – August 2016
<i>Corporate Logistics Co-op</i> ▪ Worked as a Material Flow Planner to update 40 bay Marketplace and 10 Tugger routes ▪ Facilitated Kaizen event among 4 departments to clarify and improve machine leasing protocol ▪ Verified, maintained, and created a total of 4 logistics databases to verify facility-wide logistics data	
TigersTeach Internship , Seneca, SC	August 2015 – December 2015
<i>TigersTeach Intern: Seneca High School</i> ▪ Assisted instruction in three Algebra I sections and one Pre-Calculus section to explore teaching strategies	
BorgWarner Turbo Systems , Asheville, NC	May 2015 – August 2015
<i>Supplier Quality Co-op</i> ▪ Performed studies and analyzed data on product characteristics; Conducted containment activities ▪ Learned and became skilled with new computer systems (SAP, eQLR, EMS); developed instructions for systems ▪ Participated in supplier visits and audits to develop an understanding of manufacturing and quality processes	

SKILLS

Language: Spanish (6 years) – Reading, Writing, Comprehension: *Proficient*, Speaking: *Intermediate*
Computer: LaTeX • R • MATLAB • AMPL • Python • VBA • Gurobi Solver
Arena Simulation Software • Wolfram Mathematica • CPLEX Solver • SAP
Minitab Statistical Software • Microsoft Office • AutoCAD • Solidworks Mechanical Design