

Somya Singhvi

CONTACT INFORMATION	Center for Global Development 2055 L Street NW, Washington, DC 20036	ssinghvi@cgdev.org https://somyasinghvi.github.io/
ACADEMIC EMPLOYMENT	Center for Global Development Postdoctoral Research Fellow	2020-2021
EDUCATION	Massachusetts Institute of Technology PhD in Operations Research GPA: 5.00/5.00	2015-2020
	Cornell University S.B. (Hons.) <i>magna cum laude</i> in Operations Research & Engineering Minor in Applied Mathematics GPA: 3.98/4.00	2011-2015
COMPLETED & WORKING PAPERS	Improving Farmers' Income on Online Agri-platforms: Theory and Field Implementation of a Two-stage Auction (with R. Levi, M. Rajan and Y. Zheng) Major Revision in <i>Management Science</i> – <i>First Place</i> , INFORMS Public Sector Operations Research Best Paper Award (2020). – <i>First Place</i> , POMS Behavioral OM Junior Scholar Paper Competition (2020). – <i>First Place</i> , POMS Supply Chain Management Student Paper Competition (2020). – <i>Finalist</i> , POMS Applied Research Challenge (2020). – <i>First Place</i> , Doing Good With Good OR Competition (2019). Artificial Shortage in Agricultural Supply Chains (with R. Levi and Y. Zheng) Under 3 rd Round Review in <i>Manufacturing & Service Operations Management</i> – <i>First Place</i> , POMS Sustainable Operations Student Paper Competition (2019) The Impact of Unifying Agricultural Wholesale Markets on Prices and Farmers' Profitability (with R. Levi, M. Rajan and Y. Zheng) <i>Proceedings of the National Academy of Sciences</i> , vol. 117, no. 5, 2020 – <i>First Place</i> , MSOM Responsible Research Award (2020). – <i>First Place</i> , POMS Sustainable Operations Student Paper Competition (2020). – <i>People's Choice Award</i> , Early Career Sustainable OM Workshop (2020) Economically Motivated Adulteration in Farming Supply Chains (with R. Levi and Y. Zheng) <i>Management Science</i> , vol. 66, no. 1, 2020. Predicting Bike Usage for New York City's Bike Sharing System (with D. Singhvi, P. Frazier, S. Henderson, E. Mahony, D. Shmoys and D. Woodard) <i>AAAI Workshop on Computational Sustainability</i> , 2015.	
IN PROGRESS	Improving Cash Constrained Smallholder Farmers' Welfare: The Role of	

Government Storage and Loan Policies

(with K. Pay and Y. Zheng)

Influence Maximization in Rural Networks

(with R. Levi, X. Liu and Y. Zheng)

INVITED SEMINARS	<ul style="list-style-type: none"><input type="checkbox"/> Cornell Tech, Operations Research & Information Engineering (02/2020)<input type="checkbox"/> Cornell University, Operations Research & Information Engineering (02/2020)<input type="checkbox"/> Columbia University, Columbia Business School (02/2020)<input type="checkbox"/> Stanford University, Graduate School of Business (01/2020)<input type="checkbox"/> UC Berkeley, Industrial Engineering & Operations Research (01/2020)<input type="checkbox"/> UC Berkeley, Haas School of Business (01/2020)<input type="checkbox"/> University of British Columbia, Sauder School of Business (01/2020)<input type="checkbox"/> London Business School (01/2020)<input type="checkbox"/> Dartmouth College, Tuck School of Business (01/2020)<input type="checkbox"/> University of Southern California, Marshall School of Business (01/2020)<input type="checkbox"/> UCLA, Anderson School of Management (01/2020)<input type="checkbox"/> National University of Singapore, NUS Business School (11/2019)												
HONORS AND AWARDS	<ul style="list-style-type: none"><input type="checkbox"/> First Place, INFORMS Public Sector Operations Research Best Paper Award (2020)<input type="checkbox"/> First Place, MSOM Responsible Research Award (2020)<input type="checkbox"/> First Place, POMS Behavioral OM Junior Scholar Paper Competition (2020)<input type="checkbox"/> First Place, POMS Sustainable Operations Student Paper Competition (2020)<input type="checkbox"/> First Place, POMS Supply Chain Management Student Paper Competition (2020)<input type="checkbox"/> People's Choice Award, Early Career Sustainable OM Workshop (2020)<input type="checkbox"/> Finalist, POMS Applied Research Challenge (2020)<input type="checkbox"/> First Place, INFORMS Doing Good With Good OR Competition (2019)<input type="checkbox"/> First Place, POMS Sustainable Operations Student Paper Competition (2019)<input type="checkbox"/> Tata Fellowship, Tata Center for Technology and Design at MIT (2017-2019)<input type="checkbox"/> Tata Scholarship for Students from India (2011-2015)<input type="checkbox"/> Dean's List (2011-2015)												
TEACHING EXPERIENCE	<p>Massachusetts Institute of Technology</p> <table><tbody><tr><td>TA, Introduction to Operations Management- Executive MBA</td><td>Summer 2018</td></tr><tr><td>Mentor, MBAn Capstone Project</td><td>Spring 2018</td></tr><tr><td>TA, Healthcare Lab: Introduction to Healthcare Delivery in the US</td><td>Fall 2017</td></tr></tbody></table> <p>Cornell University</p> <table><tbody><tr><td>TA, Intro to Engineering Stochastic Processes</td><td>Spring 2015</td></tr><tr><td>Tutor, Calculus I</td><td>Summer 2014</td></tr><tr><td>Facilitator, Academic Excellence Workshop, Calculus for Engineers</td><td>Fall 2012</td></tr></tbody></table>	TA, Introduction to Operations Management- Executive MBA	Summer 2018	Mentor, MBAn Capstone Project	Spring 2018	TA, Healthcare Lab: Introduction to Healthcare Delivery in the US	Fall 2017	TA, Intro to Engineering Stochastic Processes	Spring 2015	Tutor, Calculus I	Summer 2014	Facilitator, Academic Excellence Workshop, Calculus for Engineers	Fall 2012
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WORK EXPERIENCE	<table><tbody><tr><td>Strategy & Analysis Intern, <i>Ernst & Young LLP</i></td><td>Spring 2014</td></tr></tbody></table>	Strategy & Analysis Intern, <i>Ernst & Young LLP</i>	Spring 2014										
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PROFESSIONAL SERVICE	<p>Ad-hoc Reviewer for Management Science, Manufacturing & Service Operations Management, Production and Operations Management</p> <p>Judge, INFORMS Poster Competition (2020)</p> <p>Session Organizer at INFORMS (2018, 2019, 2020), POMS (2019)</p>												

SOFTWARE
SKILLS

R, AMPL, QGIS, Matlab, Python, Java, MySQL, Julia, JuMP