

Venus Hiu Ling Lo

7-274 Lau Ming Wai Academic Building,
City University of Hong Kong, Hong Kong-SAR

venus.hl.lo@cityu.edu.hk
+852 34424686

- Research Interests** Assortment optimization, choice modelling, algorithm design, combinatorial optimization, approximation algorithm, omnichannel retailing
- Current Position** **City University of Hong Kong**, Hong Kong-SAR *July 2019 - Present*
Assistant Professor, Department of Management Sciences
- Education**
- Cornell University**, Ithaca, NY *May 2019*
Ph.D. in Operations Research and Information Engineering
Thesis: Capturing Product Complementarity in Assortment Optimization
Advisor: Professor Huseyin Topaloglu
- University of Waterloo**, Waterloo, ON *May 2014*
M.Math in Combinatorics and Optimization
Thesis: On Véghe's Strongly Polynomial Algorithm for Generalized Flows
Advisor: Professor Joseph Cheriyan
- University of Waterloo**, Waterloo, ON *August 2012*
M.Acc in Accounting
- University of Waterloo**, Waterloo, ON *December 2011*
B.Math in Mathematics/Chartered Accountancy,
Information System Option, Combinatorics & Optimization Minor, Co-op
Dean's Honours List with Distinction
- Publications & Working Papers**
- Lo, V.**, Topaloglu, H., *Assortment Optimization under the Multinomial Logit Model with Product Synergies*, Operations Research Letters, 47:6, 546-552, November 2019.
- Lo, V.**, Topaloglu, H., *Omnichannel Assortment Optimization under the Logit Model with a Features Tree*, resubmitted.
- Invited Talks**
- Two-Stage Assortment Optimization with Recommendations*: INFORMS 2019.
- Omnichannel Assortment Optimization under the Logit Model with a Features Tree*: INFORMS Revenue Management and Pricing Conference 2018, INFORMS 2018, POMS-HK International Conference 2019, POMS 2019, and INFORMS 2019.
- Dynamic Assortment Optimization with Inventory Stocking Costs*: INFORMS 2017 and INFORMS 2018.
- Assortment Optimization Under a Synergistic Version of the Multinomial Logit Model*: INFORMS 2016 and POMS-HK International Conference 2017.

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Teaching Experiences	ORIE 4580/5580: Simulation Modeling and Analysis Teaching Assistant (lead recitation, office hours), Cornell University	<i>Fall 2018</i>
	ORIE 5380: Optimization Methods Teaching Assistant (grading), Cornell University	<i>Fall 2017</i>
	CO 327: OR Modeling (non-specialist) Teaching Assistant (office hours, grading), University of Waterloo	<i>Winter 2014</i>
	CO 227: Introduction to Optimization (non-specialist) Teaching Assistant (office hours, grading), University of Waterloo	<i>Fall 2013</i>
	CO 250: Introduction to Optimization Teaching Assistant (grading), University of Waterloo	<i>Fall 2012, Spring 2013</i>
	CO 372: Portfolio Optimization Teaching Assistant (grading), University of Waterloo	<i>Winter 2013</i>
	AFM 361: Taxation I Teaching Assistant (grading), University of Waterloo	<i>Spring 2012</i>
Other Experiences	Dibs Technology Inc , New York, NY Data Science Intern Set up dynamic pricing algorithm for fitness classes	<i>Spring 2016</i>
	Collins Barrow Toronto LLP , Toronto, ON (Previously Smith Nixon LLP) Junior Auditor (Co-op) Audit financial statements of public companies	<i>Spring 2011, Winter 2011, Winter 2010, Winter 2009</i>
Other Activities	President of ORIE Graduate Association, Cornell University	<i>2018 - 2019</i>
Honours & Awards	NSERC Post-Graduate Scholarships (Doctoral), Canada	<i>2015-2018</i>
	Sherril Koenig Stuewer Graduate Fellowship, Cornell University	<i>2014-2015</i>
	QEII Graduate Scholarship in Science and Technology, Ontario	<i>2014</i>
	Ontario Graduate Scholarship (M.Math), Ontario	<i>2012</i>
	President's Graduate Scholarship (M.Math), University of Waterloo	<i>2012</i>
	Ontario Graduate Scholarship (M.Acc), Ontario	<i>2012</i>
	President's Graduate Scholarship (M.Acc), University of Waterloo	<i>2012</i>
	Rene Descartes Scholarship, University of Waterloo	<i>2007-2011</i>
Queen Elizabeth Aiming for the Top Scholarship, Ontario	<i>2007-2011</i>	
President's Scholarship, University of Waterloo	<i>2007</i>	