

# Utsav Sadana

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CONTACT INFORMATION	PhD Student, HEC Montréal 5425 Avenue Decelles, Apt. 20 Montréal H3T 1W3, Quebec, Canada	Email: <a href="mailto:utsav.sadana@hec.ca">utsav.sadana@hec.ca</a> Phone: +1 514 814 7508 Webpage: <a href="https://utsav19.github.io/">https://utsav19.github.io/</a>
RESEARCH INTERESTS	<i>Theory:</i> Optimal Control, Game Theory, Robust Optimization <i>Applications:</i> Security, Regulations, Pricing	
EDUCATION	<b>HEC Montréal, Canada</b> <i>PhD in Management Science</i> Advised by Prof. Georges Zaccour CGPA: 4.15/4.30  <b>Indian Institute of Technology (IIT) Kanpur, India</b> <i>BT-MS Dual Degree</i> <i>MS in Economics</i> Advised by Dr. Debayan Pakrashi CGPA: 9.2/10 <i>BTech. in Materials Science and Engineering</i> Passed with Distinction, CGPA: 8.5/10	Fall 2017 - Present          Fall 2012 - Spring 2017
CONFERENCE PRESENTATION	Rudnianski, M., <b>Sadana, U.</b> , and Bestougeff, H. (July, 2015). Bayesian Networks and Games of Deterrence. Paper presented at the <i>European Meeting on Game Theory, and Game Theory and Management SING11-GTM2015</i> , Saint Petersburg, Russia.	
BOOK CHAPTER	Rudnianski, M., <b>Sadana, U.</b> , and Bestougeff, H. (2016). Bayesian Networks and Games of Deterrence. In Petrosyan, L. A. and Mazalov, V. V., editors, <i>Recent Advances in Game Theory and Applications: European Meeting on Game Theory, Saint Petersburg, Russia, 2015, and Networking Games and Management, Petrozavodsk, Russia, 2015</i> (pp. 201–224). Cham, Switzerland: Springer International Publishing.	
INDUSTRY EXPERIENCE	<b>Summer Intern at ORT France, Paris</b> Research Internship with Prof. Michel Rudnianski <ul style="list-style-type: none"><li>Developed inference schemes for the European Commission FP7 research project <a href="#">LEILA</a> and contributed to its deliverable D3.4, thereby providing a novel and tractable framework of inference for intelligence analysts. The technical report can be found <a href="#">here</a>.</li></ul>	Summer 2015
AWARDS AND SCHOLARSHIPS	<ul style="list-style-type: none"><li>J.A. DeSève Admission Scholarship, Fondation HEC Montréal (10,000\$/year)</li><li>Research Scholarship, Prof. Georges Zaccour, GERAD, Montréal (10,000\$/year)</li><li>Graduate Research Award, MHRD, Govt. of India (INR 150,000)</li><li>Merit-cum-Means Scholarship, IIT Kanpur, India (INR 60,000/year)</li><li>2-month Research Grant, ORT France, Paris (€2200)</li><li>Secured 3<sup>rd</sup> position amongst 90 teams in Manthan National Youth Competition, India</li></ul>	2017-2021 2017-2021 2016 2013-2015 2015 2013
RESEARCH IN PROGRESS	“Randomization in a distributionally robust game with risk averse agents” with Dr. Erick Delage. “A dynamic game to study occasional interventions” with Professor Georges Zaccour.	
TECHNICAL SKILLS	<ul style="list-style-type: none"><li><b>Programming Languages</b> MATLAB, C, Python, Octave</li><li><b>Other Tools</b> L<sup>A</sup>T<sub>E</sub>X, STATA, GTAP, YALMIP, Microsoft Office</li></ul>	