Raymond Chiasson

Contact Information	Department of Economics 150 St. George Street, Toronto, Ontario, M5S 3G7	raymond.chiasson@mail.utoronto.ca raymondchiasson.com github.com/RC416 (519) 722–3564
Education	Sept. 2021 – Present	**PhD (Economics)** University of Toronto
	Sept. 2020 – Apr. 2021	**MA (Economics)** University of Toronto
	Sept. 2015 – Apr. 2016	**Master of Management of Innovation** University of Toronto
	Sept. 2010 – Apr. 2015	**B.Sc. (Biochemistry, Co-op)** University of Waterloo
Employment	Aug. 2020 - Present	**Consultant** to life science investment firms
	Feb. 2019 – May 2020	**Director, Investment Team** DRI Capital
	May 2016 – Feb. 2019	**Analyst, Investment Team** DRI Capital
	Jan. 2014 – Aug. 2014	**Student Researcher** Harvard Medical School Boston, Massachusetts
	May 2013 – Aug. 2013 Sept. 2012 – Dec. 2012	**Student Researcher** Abbott Laboratories Ottawa, Ontario
	Jan. 2012 – Apr. 2012	**Science and Math Tutor** Centennial College Toronto, Ontario

Raymond Chiasson

Recent Projects	Ongoing	Estimating informative and persuasive components of detailing to physicians	Second year paper
	Ongoing	Penalized sieve estimation of structural models	RA work for Professor Yao Luo
	Ongoing	Bayesian methods in IO models	Extension of course work
	Jan. 2023	The IJC method and Bayesian MCMC	Extension of course work
	Sep. 2022	DSGE programming benchmarks	Independent project
	Jul. 2021	Optimized bidding strategy and associated microeconomic modeling	Consulting project for a life science investor
	May 2021	Implementation of BLP in Julia	Extension of course work
	Apr. 2021	Using machine learning to predict the approval of pharmaceutical drugs based on earnings call transcripts	Term paper for course in machine learning
	Feb. 2021	R code for discrete event simulations to estimate the economic impact of new healthcare technologies	With Professor Petros Pechlivanoglou
	Dec. 2020	Impact of individual versus environmental effects on payments to physicians	Term paper for Econometrics course
	Aug. 2020	Using machine learning to identify drug investment targets	Consulting project for a life science investor
	Jul. 2020	Impact of contingent payments on R&D productivity	Consulting project for a life science investor
	Jan. 2020	Patient simulation framework in Python to forecast pharmaceutical drug sales	Independent project
	Nov. 2019	A novel drug investment strategy and associated financial modeling in Python	Independent project

Publications in Science	"The Use of Silk in Nanomedicine Applications", chapter in "Nanomedicine. Advances in Delivery Science and Technology", May 2016, 245-278.
	"Targeted Nanoparticles Containing the Proresolving Peptide Ac2-26 Protect Against Advanced Atherosclerosis in Hypercholesterolemic Mice", *Science Translational Medicine*, 7 (277), March 2015.

Raymond Chiasson

Programming Languages	Julia, Python	Advanced	• Able to write optimized and efficient code. • Knowledgeable of relevant advanced language features and development tools. • Completed major professional and independent projects.
	R, Matlab	Intermediate	• Completed large course projects. • Familiar with relevant language features.
	C++, Fortran	Beginner	• Translated code from one major project. • Familiar with important language components.