

	Vancouver, BC, Canada eugenie.y.lai@gmail.com	
Education	University of British Columbia , Vancouver, BC, Canada BCom in Business and Computer Science; GPA: 4.0	September 2015-Present
Awards	Scholarships <ul style="list-style-type: none"> • 2019 IVADO Deep Learning Winter School Scholarship – \$500 • 2019 Kenneth G. Young Memorial Scholarship – \$800 • 2017 Sauder School of Business Scholarship – \$2,300 • 2017 Trek Excellence Scholarship – \$1,500 Distinctions <ul style="list-style-type: none"> • 2020 Rick Sample Memorial Research Award • 2016 Dean's Honour Roll 	
Publications	O. AlOmeir*, E. Y. Lai* , M. Milani*, and R. Pottinger. <i>Summarizing Provenance of Aggregation Query Results in Relational Databases</i> . Submitted to IEEE International Conference on Data Engineering, 2021 (ICDE '21). (*Indicates equal contribution) O. AlOmeir, E. Y. Lai , M. Milani, and R. Pottinger. <i>Pastwatch: On the Usability of Provenance Data in Relational Databases</i> . [Short paper] To Appear in IEEE International Conference on Data Engineering, 2020 (ICDE 20).	
Research Experience	UBC Data Management and Mining Lab Research Assistant with Dr. Rachel Pottinger <ul style="list-style-type: none"> • Assist knowledge exploration in databases to help users better access and make sense of data. • Apply concepts of visualization, machine learning, and HCI to build a system that recommends customized SQL queries using query workloads. Sauder School of Business Research Assistant with Dr. Arslan Aziz, Dr. Gene Lee <ul style="list-style-type: none"> • Use causal inference methods to evaluate the impact of online platform policy ban on incentivized reviews using consumer reviews and validate the results with robustness checks. • Apply natural language processing (NLP) techniques to process large datasets and use Amazon AWS and Google NLP APIs to identify unnatural reviews based on linguistic features. UBC Data Science Institute Research Intern with Dr. Raymond Ng (primary), Dr. Kevin Lin <ul style="list-style-type: none"> • Partnered with the Environmental Sustainability Advisory Committee of the City of Surrey, BC to guide the development of the Surrey Electric Vehicle Transformation Strategy. • Used statistical and machine learning models to understand potential electric vehicle consumers and classify communities into groups such as current growth and high potential. 	Summer 2020 July 2019-Present Summer 2019
Industry Experience	Statistics Canada Ottawa Headquarter Full-Stack Developer Intern <ul style="list-style-type: none"> • Implemented a web service application embedded in a toolbox using technologies such as JavaScript, C#, SQL, ASP .NET and exceeded clients expectations by optimizing their jQuery widgets. • Designed and developed a Windows Service application and obtained positive feedback from clients by effectively communicating the client needs and executing tasks efficiently. • Recognized as a top front-end developer of the ICode team and obtained a full-time developer offer from the Statistics Information System Division (SISD) executive team by demonstrating strong self-learning skills and work ethic. 	September 2017-April 2018

Teaching Experience	University of British Columbia	
	Teaching/Academic Assistant	
	CS Undergraduate Program Curriculum Renewal Project	August 2019-Present
	CPSC 304 Introduction to Relational Databases	Summer 2019
Extra-Curricular Activities	UBC Multidisciplinary Undergrad Research Conference, <i>Presenter</i>	April 2020
	UBC CSSS Coffee Chat, <i>Mentor</i>	March 2020-May 2020
	UBC Data Management and Mining Lab, <i>Volunteer</i>	April 2019-April 2020
	UBC CS Tri-Mentorship, <i>Student Mentor</i>	September 2018-April 2019
	Greater Vancouver Regional Science Fair, <i>Lab Volunteer</i>	April 2017
	Learning Buddy Network, <i>Math Tutor Volunteer</i>	January 2016-April 2016