

EDUCATION	University of British Columbia , Vancouver, BC, Canada	
	M.Sc. in Computer Science	2016 – 2019
	B.Sc. in Cognitive Systems: <i>Computational Intelligence and Design</i>	2012 – 2016
EXPERIENCE	Software Engineer , Amazon Vancouver	2020 – present
	<ul style="list-style-type: none"> • Launched promotion recommendations for new Amazon marketplaces including Brazil, Turkey, Netherlands, and Sweden • Enhanced automatic deal creation features, single-handedly generating additional \$10-100M in revenue • Improved machine learning models for promotion demand forecasting and promotion quality prediction 	
	Web Developer and NLP Researcher , UBC mHealth Research Group	2017 – 2019
	<ul style="list-style-type: none"> • Developed front-end web app (Angular) for analysis of patient-centred health communications to secure \$150 000 in research funding • Refactored and automated scripts (Python, MATLAB, Perl, Unix scripts) for text mining, topic modeling, and sentiment analysis used in NLP API 	
	Teaching Assistant , UBC Computer Science	2016 – 2018
PROJECTS	<ul style="list-style-type: none"> • Planned and led tutorials, office hours, and evaluations for courses, including: <ul style="list-style-type: none"> • <i>computer graphics, computer vision, algorithms, software engineering</i> 	
	OCTVis : Ontology-Based Comparison of Topic Models	2017 – 2019
	<ul style="list-style-type: none"> • Designed interactive user interface (D3.js) to compare the quality of topic models • Implemented novel topic modeling methods (LDA, NMF) with knowledge transfer from domain ontologies • Published in VIS 2019 	
	Undistinguished Lecture Series , UBC CS Grad. Student Society	2017 – 2018
LEADERSHIP	<ul style="list-style-type: none"> • Prepared puzzlehunts, designed emails, and gave various talks on topics including: <ul style="list-style-type: none"> • <i>stenography, poker, geopolitics, text adventures</i> 	
	Author & Editor , MIT Mystery Hunt	2020 – 2021
	<ul style="list-style-type: none"> • Wrote and edited interactive puzzles for the 2021 MIT Mystery Hunt 	
	Team Canada Volunteer , PyeongChang Olympics	2018
	<ul style="list-style-type: none"> • Set up athlete performance centre and curated social media content for Team Canada 	
SKILLS	Musical Director , UBC A Cappella	2015 – 2016
	<ul style="list-style-type: none"> • Arranged songs for singers and led groups to perform at gigs, competitions, and concerts 	
SKILLS	Python, Java, Scala, Go, Kotlin	
	JavaScript (TypeScript, Vue/Angular/React), HTML5	
	Adobe Suite, Unity/Godot, WebGL/OpenGL, D3	
INTERESTS	Competitive puzzling, interactive storytelling, music, languages	