

EDUCATION	McGill University B.Sc in Computer Science, minor in Math. <i>GPA: 3.7</i> Achievements: Tomlinson Engagement Award, COMP 202 Mentor	Montreal, QC Sept 2017 - April 2021
	Oxford University Exchange Student. <i>GPA: 4.0</i>	Oxford, GB July - August 2018
EXPERIENCE	SSENSE Software Developer	Montreal, QC May 2021 - Present
	<ul style="list-style-type: none">• Used event-driven architecture to build order creation flow for a new warehouse system.• Increased overselling visibility with 4 metrics sourced from stocks across microservices.	
	Software Developer Intern	May - Nov 2020
	<ul style="list-style-type: none">• Built and integrated a new endpoint to present payment methods at 900 req/hour.• Reduced response time 36% by implementing a Redis cache for payment processors. <i>AWS, Docker, Kubernetes, Express</i>	
	McGill Distributed Information Systems Lab Undergraduate Research Assistant	Montreal, QC Jan 2021 - Present
	<ul style="list-style-type: none">• Used a CNN to classify databases from unencrypted and encrypted network traces.• Maintained 99% model accuracy even with encrypted traces in the dataset.	
	<i>Keras, MySQL, Postgres, DB2</i>	
	Youngsoft Software Engineer Intern	Detroit, MI May - August 2019
	<ul style="list-style-type: none">• Used AWS Lambdas to pull data from embedded Linux systems for Postgres storage.• Tracked machine performance across four KPIs by developing interactive dashboards.	
	<i>AWS, Java, Tableau, SQL</i>	
PROJECTS	Spotify Taste Tester	Winter 2021
	React web app for users to compare their music taste to playlists created by artists and save their own playlist curated by my recommendation algorithms.	
	iOS Spot Share	Summer 2019
	iOS app for users to share their favorite locations with their followers. Upload and share photos, search locations with an interactive map, maintain a profile, and scroll the feed.	
SKILLS		
	Languages Typescript, Java, Python, R, SQL, C, Swift	Tools AWS, Docker, Datadog, React, Express, Jenkins, Git