

Education	Carleton University , Ottawa, ON B.Eng., Software Engineering – graduating Spring 2024 Dean's Honours List 2020 - Present	GPA: 3.91/4.0
Work	Versaterm – Full Stack Developer Intern Developed a backend service for 9-1-1 operators to track the time to call for emergency services across cities in North America (Informix 4GL, Linux, PostgreSQL, Redis). Interfaced two front-end applications to make use of the backend service enabling all 9-1-1 operators across North America to view routing data in real time (C#, .NET, Redis, Visual Studio).	May – Aug 2023
	Kongsberg Geospatial – Web Developer Intern Contributed to the development of a web viewer for IRIS airspace management system allowing customers to access the service from web and mobile browsers (Bootstrap, Docker, JavaScript, RabbitMQ, Sass).	Sep – Dec 2022
	Communications Research Centre Canada – Full Stack Developer Intern Developed a REST API to cache and access geospatial data in the cloud (AWS, Docker, DynamoDB, Flask, Linux, Python, React).	Jan – Aug 2022
	ISED Canada – Business Quality Analyst Intern Oversaw the deployment, installation, and testing of SPECTRA code drops helping to better manage Canada's frequency spectrum (MySQL).	May – Aug 2021
	Carleton University Department of Electronics – Research Intern Designed, analyzed, and documented TX, CTLE, FEE, and DEF channel equalization methods for signal responses and pseudorandom bit sequences.	Jun – Aug 2020
Projects	Elevator Simulator – Github Multithreaded concurrent real time elevator control system for an academic project (Java).	
	Password Generator API – Github Full stack application with API to generate randomized passwords (Flask, Python, React).	
	Monopoly – Github Object-oriented Monopoly versus AI opponents for an academic project (Java).	
	CLI Image Editor – Github Command line tool to edit images by manipulating pixel RGB values (Python).	
Languages	Java, Python, JavaScript, React, C, C#, PHP, HTML, CSS, Sass, SQL, Informix 4GL	
Technologies	AWS, Bootstrap, Docker, DynamoDB, Flask, Git, Jira, jQuery, JUnit, Linux/Unix, MQTT, MySQL, .NET, NumPy, PostgreSQL, RabbitMQ, Redis, REST, Visual Studio	