

PROFESSIONAL EXPERIENCE

Rogers – Barrie, ON September 2024 – Present

Current Position: Technical Sales Specialist

- Provided technical support and troubleshooting for Rogers products and services
- Consistently met and exceeded sales targets through exceptional customer service.
- Maintained accurate records of sales and customer interactions in company systems.

Golden Gear Studios – Denver, CO January 2023 – Present

Current Position: Consulting (Remote)

- Manage the organization's data assets and oversee data quality, data architecture, and data integration.
- Stay up to date with emerging data technologies and industry trends and evaluate their potential impact on the organization.
- Develop and implement data strategies, policies, and standards for the organization.

ACADEMIC EXPERIENCE

Georgian College – Barrie, ON March 2023 – April 2023

Mask R-CNN for Object Detection and Segmentation

- **Implementation of Mask R-CNN** – Designed and implemented a Mask R-CNN model for object detection and segmentation, enabling precise identification and localization of multiple objects in images.
- **Advanced Computer Vision Techniques** – Leveraged deep learning techniques such as convolutional neural networks (CNNs) and regionbased segmentation to improve accuracy and efficiency in image processing tasks.
- **Cross-Industry Applications** – Demonstrated the model’s versatility by applying it beyond healthcare, including retail for inventory tracking, autonomous vehicles for obstacle detection, and security for surveillance enhancement.
- **Optimization and Performance Evaluation** – Conducted extensive model training, hyperparameter tuning, and performance evaluation using datasets from various domains to ensure robustness and scalability.

Bayshore Healthcare – Barrie, ON April 2023 – August 2023

Optimizing Clinic Locations with AI & Geospatial Analysis

- **Data-Driven Decision Making** – Collaborated with the Bayshore Healthcare team to develop a strategic, data-driven approach for optimizing clinic expansion across Canada, ensuring effective resource allocation.
- **Predictive Modeling for Location Optimization** – Analyzed extensive datasets, including patient demographics, competitor presence, and geographic factors, to build a predictive model that identifies high-demand areas for new clinics.
- **Geospatial Analysis & Machine Learning** – Engineered an advanced geocoding model leveraging GIS and machine learning techniques to pinpoint optimal locations, maximizing accessibility and operational efficiency.
- **Impact on Healthcare Accessibility** – Provided actionable insights that supported Bayshore Healthcare’s expansion goals, improving healthcare access for underserved communities and enhancing patient convenience.

EDUCATION

Georgian College, Barrie Campus, ON, CA	January 2023 – August 2023
Post Graduate Certificate in Artificial Intelligence	
Conestoga College, Kitchener, ON, CA	January 2024 – August 2024
Post Graduate Certificate in Big Data Analytics	
Rajasthan Technical University (RTU), India	August 2017 – April 2021
Bachelor of Technology, Computer Science	