

ADAM NEARING

GIS Analyst | IT Programmer

adamrjnearing@gmail.com | adamnearing.com | 1 (902) 371-6055 | Halifax, NS

SUMMARY

Highly-skilled GIS Analyst and IT Programmer with combined 3 years of experience in software development and geospatial automation. As an Esri Canada GIS Ambassador and an Esri Canada 2026 ECCE App Challenge participant, I am dedicated to community involvement and geospatial collaboration, bringing a unique blend of technical expertise as both a GIS educator and a collaborative team player.

SKILLS

Esri Platform: ArcGIS Pro, ArcGIS Enterprise, ArcGIS Online, Experience Builder, Field Maps, Survey123
ArcGIS Pro Analysis: Spatial Analyst, Network Analyst, 3D Analyst, Map Algebra, Raster Analysis, Remote Sensing Workflows, LiDAR Classification
Geoprocessing & Data Management: Python (ArcPy, Arcade), ModelBuilder, Enterprise Geodatabases, SQL, Spatial Data QA/QC, ETL (FME)
Programming: JavaScript (Full-Stack), HTML5, CSS, Java, C#, C++, Git/GitHub, Version Control

WORK EXPERIENCE

PARKBUDDY APP - CAPSTONE PROJECT NSCC Halifax, NS
Product & Project Manager Sep – Dec 2024

- Balanced workloads by aligning sprint tasks with developer strengths for synchronized full-stack transitions.
- Built an interactive map interface that connects the database to the frontend, allowing for real-time rendering of user-submitted spatial data entries.
- Prevented delays by auditing Git repositories and resolving merge conflicts and deployment blockers.

CHEBUCTO COMMUNITY NET SOCIETY Halifax, NS
Project Manager & Backend Developer May – Jun 2024

- Co-led backend architecture, prioritizing relational integrity and scalability for community datasets.
- Mentored Frontend developers on web interface design and implementation using JavaScript, HTML5, CSS3, and Bootstrap; ensured seamless integration between UI components and backend system logic.
- Conducted code reviews, enforcing responsive design and optimized script performance across browsers.

LITTLE SYMPHONY INC. Halifax, NS
Web Development Intern (Co-Op) May – Aug 2023

- Engineered full-stack solutions using React.js and Supabase, focusing on real-time data synchronization.
- Transformed user requirements into high-fidelity UX/UI designs and accessible frontends.
- Presented technical milestones to non-technical stakeholders throughout the development lifecycle.

EDUCATION

CENTRE OF GEOGRAPHIC SCIENCES (COGS) - NSCC Halifax, NS
Geographic Information Systems (GIS) - Advanced Graduate Certificate (Honours) Sep 2025 – May 2026
Relevant Coursework: Advanced Vector Geoprocessing, Geomatics Programming, GNSS Planning

NOVA SCOTIA COMMUNITY COLLEGE (NSCC) Halifax, NS
IT Programming - Diploma (Co-Op) Jan 2023 – Dec 2024
Relevant Coursework: Full-Stack & Application Development, Object-Oriented Programming

NOVA SCOTIA COLLEGE OF ART AND DESIGN UNIVERSITY (NSCAD) Halifax, NS
Major in Film Studies & Art History - Bachelor of Fine Arts (Honours) Sep 2015 – Apr 2019

VOLUNTEER

ESRI CANADA Oct 2025 – Present
GIS Ambassador Program / ECCE Student Associate

- Leading interactive K-12 classroom demonstrations to promote geospatial thinking and spatial challenges.

GEOMATICS ASSOCIATION OF NOVA SCOTIA Dec 2025 – Present
Future Strategy Committee Member

- Serving as a board member providing student and early-career perspectives for decision making.