

RemoteCon Careers | Halifax, Nova Scotia, Canada

RemoteCon Limited · info@remotecon.ca · www.remotecon.ca

Job Description

Edge AI Developer

Engineering · Full-time · In-person · Halifax, Nova Scotia

About RemoteCon

RemoteCon develops rugged AI-powered embedded systems for subsea, defense, industrial, and autonomous applications. Our products combine high-performance edge computing, machine learning, computer vision, and embedded hardware to enable intelligent decision-making in environments where cloud connectivity is limited or unavailable.

The Role

We are looking for an Edge AI Developer to develop next-generation AI applications for embedded platforms. You will build and optimize computer vision and machine learning solutions that run efficiently on edge devices, integrating software with cameras, sensors, and embedded hardware.

What You'll Do

- Develop AI and machine learning applications for edge computing platforms.
- Design and optimize computer vision algorithms for embedded devices.
- Deploy neural networks on NVIDIA Jetson and ARM-based platforms.
- Develop software in Python and C/C++.
- Optimize inference performance using TensorRT, CUDA, and GPU acceleration.
- Integrate cameras, sensors, and communication interfaces.
- Collaborate with embedded hardware and firmware engineers.
- Perform testing, validation, benchmarking, and performance optimization.
- Prepare technical documentation and maintain software repositories.

What We're Looking For

- Degree in Computer Engineering, Software Engineering, Computer Science, or equivalent experience.
- Strong Python programming skills.
- Experience with C or C++.
- Experience with OpenCV and computer vision.
- Knowledge of deep learning frameworks such as PyTorch or TensorFlow.
- Experience deploying AI models on embedded hardware.
- Strong debugging and software development skills.
- Experience using Git and Linux development environments.

Nice to Have

- Experience with NVIDIA Jetson platforms.
- TensorRT, CUDA, and GPU optimization.
- ROS or ROS2.
- Embedded Linux development.
- Docker and containerized applications.
- Experience with surveillance, robotics, or autonomous systems.
- Knowledge of networking and edge device deployment.

Additional Information

- Full-time, on-site position (no remote or hybrid work).
- Must be legally authorized to work in Canada.
- RemoteCon does not provide visa sponsorship or immigration assistance.

How to Apply

Apply through our [Careers page](#) or email your CV and cover letter to info@remotecon.ca with 'Edge AI Developer' in the subject line.