A global applied-AI leader

FROM SUPPLY-CHAIN SOFTWARE TO CAVs, OUR TALENT DELIVERS

When it comes to applied artificial intelligence, few markets rival Ottawa's. There is plenty of great fundamental research going on in AI across Canada, including Ottawa, but on the applied side, Ottawa's ecosystem is world-class. "Ottawa is just a great ecosystem because there's so much well-developed mature industry here," says David Rodas-Wright, senior software sector strategist at Invest Ottawa. From IBM's Watson analytics platform, which was further developed by the Cognos engineering team and beat Ken Jennings on Jeopardy, to innovation in smart cities, cybersecurity, digital health and smart government, Ottawa's AI footprint has grown substantially over the past 12 years. It boasts cutting-edge, industry-ready solutions in energy-grid optimization, public-opinion tracking, on-device authentication, and supply-chain management. The region's billion-dollar telecomm-5G sector is also leveraging AI capabilities to improve products and services.

THE REGION AT A GLANCE

1,440,000
National Capital region

1,750
Knowledge-based companies

76,200
Total tech workforce

Propelling innovation, augmenting the future

BlackBerry | QNX

MindBridge

shopify

- AI in Ottawa advances our foundational technologies, pioneers new products and offers backbone to essential infrastructure.

- #1 for concentration of tech talent in North America.

- 11.3 per cent of employment in the region is in technology.

- A G7 capital, Ottawa is home to Canada's federal government, 65 government research labs and 136 foreign embassies.

Our immigration advantage

Get work permits in as few as two weeks

Two dedicated programs

No quotas or caps

Pathway to permanent residency

INDUSTRY
Sector stars and startups

- Ottawa leader Blackberry QNX's driver-engagement system exists in 175 million vehicles worldwide and the company has committed $300 million to develop and drive towards full autonomy and L5 capability.

- IBM officially introduced a Machine Learning Hub to Ottawa in Spring 2020 — one of five in the world — to support startups and scaling companies.

- MindBridge Ai, Ottawa's leading fintech company, was recently named to the World Economic Forum's list of 100 technology pioneers. The firm has attracted more than $40 million in venture capital.

- Shopify has invested $1 billion in R&D to incorporate AI into its network-fulfillment centres in the U.S. and Canada.

ACADEMIA
Tech talent feeders

- Carleton University Professor Yuhong Gou is a Canada CIFAR AI Chair, specializing in AutoML or automated machine learning and reduced human intervention."

- Canada Research Chair Lionel Briand's Nanda Lab at the University of Ottawa is leading research in software verification and validation, including applying AI techniques to enable effective and scalable automation.

GOVERNMENT
Support systems

- The National Research Council of Canada's Data Analytics Centre brings together 35 machine-learning experts and state-of-the-art algorithms to help industry and scientific players.

Ottawa's AI Ecosystem

Industry Leaders

shopify   **MindBridge**

BlackBerry | QNX   **asi** (ADVANCED SYMBOLICS INC.)

contextere   **RAVEN**

Academia

Carleton UNIVERSITY   **uOttawa**

Government

NRC·CNRC Canada

3 reasons to locate your business in Ottawa

- Most affordable among all Canadian and U.S. cities

- Second highest concentration of engineers and scientists in North America per capita

- Nearly 20 million consumers within a 400-kilometre radius, more than Toronto or Montreal

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