

AI & Technology in the Edmonton Region



Highlights

46,000+

tech workers in the
Edmonton region

5th

fastest workforce growth in
North America

\$209+

million in VC funding
raised in 2023

4,400+

STEM grads (2021)

45%

highest growth rate in
tech jobs (CBRE)

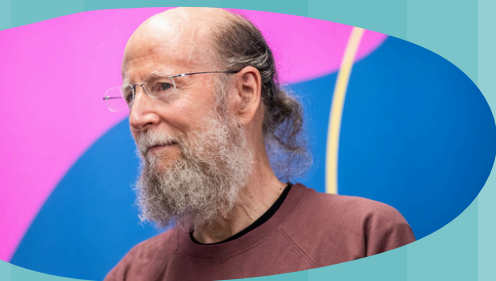
1st

in Canada for
engineering talent

When it comes to tech, it's all about the talent. The region is developing, attracting, and retaining some of the best talent in the world because of its highly ranked post-secondaries, high quality of life, and low cost of living.



Pioneering AI research in the Edmonton region



Dr. Richard S. Sutton is the Chief Scientific Advisor for the Alberta Machine Intelligence Institute (Amii). He is one of the pioneers of reinforcement learning with over 140,000 citations.



AI & Machine Learning

The University of Alberta is ranked 2nd in North America for leading research in AI. The Alberta Machine Intelligence Institute (Amii), located in Edmonton, is one of Canada's three centers of AI excellence as part of the Pan-Canadian AI Strategy.



Digital Media & Entertainment

The region has a deep history in video game development with several AAA and AA studios and a vibrant indie developer scene. There are more than 130 active studios in the Edmonton region.



Nanotechnology

The Edmonton region is home to the National Research Council's Nanotechnology Research Center and nanoFAB, an open-access R&D facility specializing in micro- and nanoscale fabrication and characterization. Our expertise in nanofabrication and MEMS complements semiconductor manufacturing activities in the region.

Ecosystem Snapshot

University of Alberta

Alberta's largest academic and research institution is renowned for its excellence in AI and ML, and a globally important source of engineering talent.

Northern Alberta Institute of Technology (NAIT)

Canada's largest apprenticeship trainer works directly with companies to commercialize products. NAIT ranks third among the top 50 Canadian research colleges and polytechnics.



Alberta Machine Intelligence Institute (Amii)

Alberta Innovates

Offers financial support and expert guidance to innovators and researchers. Also provides over \$200 million of annual investment into 72 programs in clean tech, agritech, and biotech & health tech.

TELUS Community Safety & Wellness Accelerator (CSW)

CSW is a first-of-its-kind accelerator focused on addressing the social and safety challenges facing our communities, empowering entrepreneurs to scale impactful solutions worldwide.

Alberta Machine Intelligence Institute (Amii)

Amii works with companies big and small, across all industries, to support every stage of AI adoption – from those just starting out, to those ready to tap into advanced technology

NanoFab

Located at the University of Alberta, NanoFab is a national, open-access micro- and nanoscale fabrication and characterization facility with over 25,000 sq. ft of communal lab space and \$85 million of specialized equipment for use by industry and academia.

ISAIC

A cloud service provider, specializing in AI and ML infrastructure, offering customizable GPU, CPU, virtual machines, storage, Kubernetes, and pre-configured environments. ISAIC Offers businesses and innovators access to a secure cloud computing environment for AI and ML projects.

Edmonton Unlimited

Offers a variety of programs and services to support startups and scale-ups including funding opportunities, professional development programs and partnerships with local businesses and organization.

The Edmonton region is home to...



Case Study

- An award-winning platform that helps small home service businesses organize their entire operations.
- Jobber raised \$100M USD in funding in 2023, making it one of the most successful tech companies in the Edmonton region



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