



alberta machine intelligence institute

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Amii GOAL: Enable computers to make good decisions in ambiguous & uncertain environments

at a glance – overview

- Founded 2002 (*as AICML*)
- Resides at University of Alberta
- One of the top machine learning research organizations in the world
- Since inception, >200 technologies created
- 104 people
 - 11 Professors (PIs)
 - 17 Staff & 1 Admin
 - 75 M.Sc., PhD. & PDFs

at a glance – purpose & objectives

academic excellence

- Continuation of world-class research
- Ongoing development of HQP

commercial translation & impact

- Enable Alberta-based organizations to be more efficient and competitive through machine learning
- Place Amii graduates in Alberta & Canada
- Create foundation for healthy viable start-ups

outcomes are contingently linked

what are we known for

- Reinforcement Learning (RL)
- Computational Game Theory
 - Poker
 - Checkers
 - Atari Learning
 - Go
 - Curling
- Natural Language Processing (NLP)
- Health Informatics