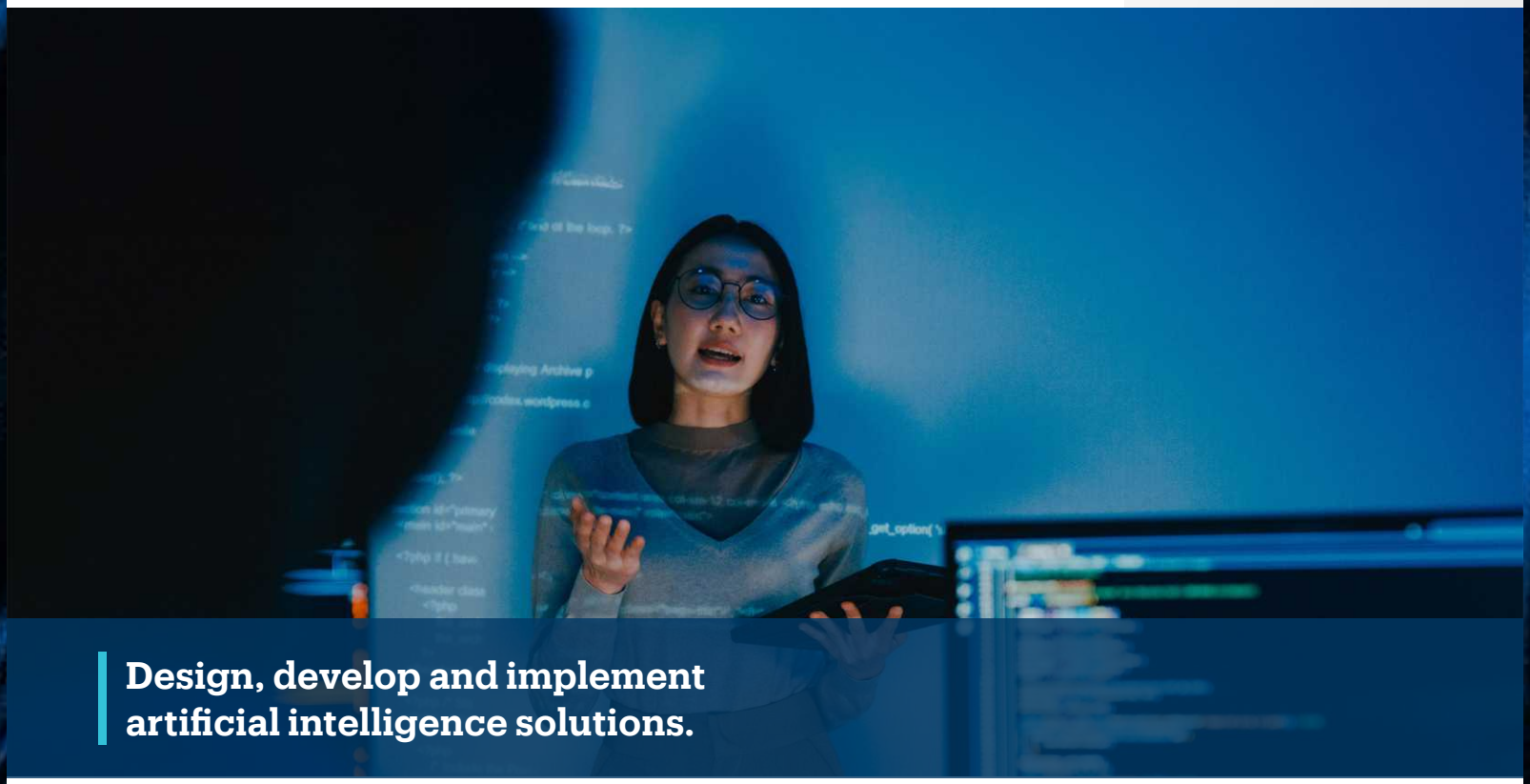
Sheridan

Artificial Intelligence Development and Applications

Ontario College Graduate Certificate | 2 years / 1 year | Co-op
Trafalgar Campus (Oakville) / Virtual (Online)

Scan here



Design, develop and implement artificial intelligence solutions.

Become a skilled AI professional

Help fill Canada's need for skilled professionals who can build and operate artificial intelligence (AI) systems. This program will teach you core technical skills in AI and machine learning, and how to create solutions to real-world problems. You'll also learn how to apply those solutions in ethical ways that protect people and businesses.

Learn about many areas of AI and data science

In your first semester, you'll study the basics of data analysis and AI principles. You'll then build on that knowledge with advanced skills in programming, data analysis, AI model development, machine learning, data visualization and more. This program also integrates other disciplines such as cloud computing and Internet of Things (IoT) systems, preparing you to work in a broad range of industries.

Hands-on experiences that make you job-ready

Gain experience and build industry connections before you graduate. Apply your skills through class projects solving real-world problems, and practice integrating AI systems with business workflow through a capstone project. You'll then spend your final semester completing a mandatory work-integrated learning experience (co-op work term or workplace simulation) to help you understand industry demands and expectations.

Career opportunities

Sheridan's AI Development and Applications program includes courses in many different areas of AI and data science, preparing you for a broad range of roles.

You might find employment in such positions as:

- AI System Developer
- AI System Designer
- Data Scientist
- Business Intelligence Analyst
- Machine Learning Engineer
- Business Transformation Consultant

Courses

Some of the courses you can expect to take in your program

- Python Programming for AI
- AI and Natural Languages
- Big Data Analysis and Storage
- Data Visualization
- Ethics and Responsible AI
- Neural Networks & Deep Learning

Fees

Fees displayed are for the first 2 academic semesters and include tuition, health insurance and ancillary charges. These are estimates only; subject to change. See website for details.

For Canadian students

- $8,916.44 CAD

For international students

- $20,669.61 CAD

How to apply:

5 easy steps

1. Find your program
2. Check the admission requirements
3. Apply online
4. Submit your documentation
5. Accept your offer

Ready to get started?

sheridancollege.ca/apply



International students

Find out more about...

- Post-graduation work permit (PGWP) eligibility
- Admission requirements
- English language proficiency requirements
- Fees and financial aid
- Provincial Attestation Letters (PALs)

sheridancollege.ca/international

Admission requirements

Program eligibility

- Postsecondary diploma, advanced diploma, or degree in information technology, computer science or equivalent fields.

OR

- Demonstrated competence through educational experience and/or related work experience.*

Applicant selection

Eligible applicants are selected based on their previous relevant academic achievement or demonstrated competence through education and/or work experience.

*Applicants with postsecondary education outside of the fields identified and/or work experience will be asked to submit the following information to determine eligibility:

- Cover Letter (one page maximum):
  - Describe your personal or professional career goals and explain how this specific program at Sheridan will help you achieve those goals.
  - Please highlight any professional, academic or volunteer experience that directly relates to the program you are applying for.
- Résumé
  - Outline your academic background and include related work and/or unpaid/volunteer work experience.
  - Please ensure your resume highlights any experience relevant to your chosen program.

Résumé formats vary by country. Applicants must ensure their documents follow Canadian format and standards. For more information, see: “How do I create a Canadian-style resume?”

The Office of the Registrar will update your application in the Sheridan Application Portal to let you know if a résumé submission is required.

Applicants who do not meet the admission requirements for this program will be assessed and advised individually and may be considered for other, related programs.

English language proficiency

All applicants whose first language is not English must meet Sheridan’s English proficiency requirements.

Refer to the website for full admission requirements.