

# Software Development



**Start coding on day one! Gain real-world experience with an internship.**

Software developers design, create, and maintain computer applications. They consider what a piece of software is supposed to do, then come up with a solution that meets both user and business needs.

This program teaches the practical programming skills employers want. It also includes real work experience so that you can be ready to hit the ground running in your first job.

 Program Length: **14 months or less**  
**Includes internship**

 Program Delivery: **Online**

## CAREER OUTLOOK

There's high demand for software developers and programmers across the country. The Government of Canada Job Bank expects a shortage of these skilled professionals to persist over the next few years.

## POSSIBLE JOB OPPORTUNITIES

*Corporate IT departments, Government agencies, Educational institutions  
Hospitals and other healthcare facilities, Financial services companies  
IT consulting firms*

## PROSPECTIVE JOB TITLES

*Software Developer, Computer Programmer, Application Programmer  
Front-End Web Developer, Back-End Developer, .NET Developer  
Full-Stack Developer*

### Employment Statistics

**80%**

Percentage of 2025 Herzing College Available  
Graduates Employed in a Related Field\*

Employment statistics based on most recent available. Not all programs and learning formats available at all campus locations. Information in this document is subject to change. Updated Jan.19.2026

A Software Developer (LEA.EJ) A.C.S. is registered and delivered by Herzing College Montreal. This program leads to an Attestation of Collegial Studies (ACS) recognized by the Minister of Education and Higher Education of Quebec.

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## ✓ ADMISSION REQUIREMENTS

- Minimum of a Canadian provincial high school diploma or equivalent, or a mature student
- Pass an entrance test administered by Herzing College
- Be interviewed in detail regarding interest in the field
- Note: admission to some programs may include additional requirements

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## ✓ COURSE LIST

Our software development courses focus on the programming languages and methodologies you need to create and modify computer software, databases, and applications.

Courses cover topics such as:

- HTML, PHP, Python, .NET, Java, and C/C#.
- Working with images, text, and style sheets to create and publish web pages.
- Developing native applications with and without a database.
- Deploying internet servers.
- Web application programming.