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SOFTWARE ENGINEERING

Is it for you?

DID YOU KNOW THAT...

- Ada Lovelace, a woman who lived in the mid-19th century, created the first computer program.
- The three most popular software products in 2021 are Microsoft Excel, Microsoft Word and Zoom meeting.



Are you a big-time consumer of new computer software and programs?



Do you dream of creating programs that enable machines and humans to understand each other?



WHAT DO THESE ENGINEERS DO?

- Determine the features required by the software to meet targeted needs.
- Draft specifications and make software models.
- Develop and implement adapted software solutions.
- Plan and coordinate the development, implementation, integration, exploration and certification of automated systems and software programs.
- Develop maintenance procedures and user guides for operating systems, communication environments and application software.

WHERE DO THESE ENGINEERS WORK?

- Companies that specialize in computer services
- Computer and peripheral manufacturers
- Videogame industry
- Telecommunications industry
- Internet and multimedia industry
- Mobile industry (applications)
- Banking sector
- Automation sector
- Aerospace sector

QUEBEC SOFTWARE ENGINEERING AT THE HEART OF INNOVATION

Securing Quebecers' data
Using multiple cloud computing products (fragmenting information rather than putting it all in the same place) so that citizens can better protect their data.



AVERAGE SALARY

\$117600

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Compensation Survey of
Engineering Employees
and Graduates in
Québec, 2021

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**Bachelor's degree
in software engineering
4 years**



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