

## SOFTWARE AND INFORMATION AND COMMUNICATION TECHNOLOGY (ICT)

Software and ICT are the backbone of London's Digital Creative sector with more than 200 companies specializing in software solutions, applications, IT services and networking.

As the headquarters for [Carfax Canada](#), [InfoTech Research Group](#), [Autodata Solutions](#), and [Media Sonar](#), London's ICT sector is knowledge-intensive and globally-focused.

### Infrastructure

- London is well serviced by reliable, high-performance networks offering high-speed fibre and dark fibre connectivity.
- Companies benefit from access to fully-featured data centres with 100G connectivity to Toronto, Chicago and New York.
- London offers some of the most affordable office and co-working space when compared with other mid-sized centres.

### R&D Capabilities

- [The Computer Science](#) faculty at Western University are conducting cutting edge research in game design, DNA computing, internet technologies and human computer-interaction (HCI).
- The [Faculty of Electrical and Computer Engineering](#) at Western University offers substantial expertise and research facilities for software engineering, communication systems and networking, and microsystems and digital signal processing.
- Western University's [Innovation Centre for Information Engineering](#) actively engages in industrial projects and has numerous ICT experts.
- Fanshawe College's [Centre for Research and Innovation \(CRI\)](#) is an industry collaboration centre that helps businesses and students develop research and innovation projects.
- The [Bell Centre for Information Engineering \(BCIE\)](#) at Western University provides research on software systems, software evolution, component-based software engineering, large-scale project management, software product lines, software life cycles, human factors in software engineering and cooperative intelligent systems.

### Talent

- Fanshawe College's [School of Information Technology](#) and [School of Applied Science and Technology](#) have programs in electronics and embedded systems, electrical engineering, computer programming, manufacturing engineering, software and information systems testing, and computer systems.
- Western University has comprehensive ICT programs and co-op opportunities in their [Department of Computer Science](#) and [Faculty of Engineering](#).
- Fanshawe Corporate Training Solutions' [Computer Software & Programming](#) courses provide practical, project-based coding and database learning opportunities

for software developers on HTML 5, CSS3 & GitHub, SQL, Oracle DB, JavaScript or custom packages.

- Western University's [Software Engineering](#) program includes the option to complete an Embedded Systems or Health Informatics option or dual degrees with Business (Ivey HBA), Law, and more than 50 major modules in the faculties of Science, Music, Social Science or Arts & Humanities.