



| Can a Computer do Your Job?                        |  |   |  |   |   |  |  |   |   |
|--|--|---|--|---|---|--|--|---|---|
| Job Sector   | Business, finance and administration   | Natural and applied sciences  | Health   | Education, law and government services  | Art, culture and recreation   | Sales and service  | Trades, transport and equipment operators  | Natural resources and agriculture   | Manufacturing and utilities   |
| <b>Jobs computer can't do</b>                      | <ul style="list-style-type: none"> <li>Press secretaries and public relations officers</li> <li>Advertising consultants, directors and managers</li> <li>Statistical officers</li> <li>Investment brokerage managers</li> </ul>  | <ul style="list-style-type: none"> <li>Industrial designers</li> <li>Computer systems and data analysts</li> <li>Information technology consultants</li> <li>Professional Engineers</li> <li>Physicists, biologists and chemists</li> <li>Web designers and developers</li> <li>Agriculture consultants and specialists</li> <li>Computer programmers and interactive media developers</li> </ul> | <ul style="list-style-type: none"> <li>Nursing coordinators and supervisors</li> <li>Specialist and family physicians</li> <li>Registered nurses</li> <li>Chiropractors</li> <li>Massage therapists</li> <li>Dentists</li> <li>Paramedics</li> </ul> | <ul style="list-style-type: none"> <li>Instructors of persons with disabilities</li> <li>Education and employment counsellors</li> <li>Psychologists</li> <li>K-12 teachers and principals</li> <li>Social workers</li> <li>Post-secondary instructors and Professors</li> <li>Judges and Lawyers</li> <li>Early childhood educators</li> <li>Economists and economic policy analysts</li> <li>Police officers</li> </ul> | <ul style="list-style-type: none"> <li>Editors</li> <li>Photographers</li> <li>Coaches</li> <li>Graphic designers and illustrators</li> <li>Theatre, fashion and other creative designers</li> <li>Actors, dancers, musicians and singers</li> <li>Film and video camera operators</li> </ul> | <ul style="list-style-type: none"> <li>Chefs</li> <li>Restaurant, hotel and resort managers</li> <li>Real estate agents</li> <li>Flight attendants</li> </ul>  | <ul style="list-style-type: none"> <li>Facility operations managers</li> <li>Construction managers and superintendents</li> <li>General contractor</li> </ul>  | <ul style="list-style-type: none"> <li>Director of mining</li> <li>Operations managers</li> <li>Shore captain – fishing</li> <li>Oil rig manager</li> </ul>   | <ul style="list-style-type: none"> <li>Automobile production manager</li> <li>Electric power plant managers</li> </ul>  |
| <b>Computers can do some of these jobs</b>         | <ul style="list-style-type: none"> <li>Financial and investment analyst</li> <li>Health information management supervisors</li> <li>Employment insurance, immigration and border services officers</li> <li>Insurance adjusters and claim examiners</li> </ul>                                       | <ul style="list-style-type: none"> <li>Architecture draftsperson</li> <li>Industrial engineers</li> <li>Chemical technicians</li> <li>Computer-assisted drafting (CAD) technician</li> <li>Air pilots</li> </ul>  | <ul style="list-style-type: none"> <li>Optometrists</li> <li>Dental assistants and hygienists</li> <li>Long-term care aide</li> <li>Personal medical care attendant</li> <li>Pharmacists</li> </ul>  | <ul style="list-style-type: none"> <li>K-12 teaching assistants</li> <li>Home child care providers</li> </ul>   | <ul style="list-style-type: none"> <li>Painters, sculptors and other visual artists</li> <li>Archivists</li> <li>Interior designers and decorators</li> <li>Graphic arts technicians</li> </ul>   | <ul style="list-style-type: none"> <li>Insurance agents and brokers</li> <li>Tour and travel guides</li> <li>Hotel front desk clerks</li> <li>Tailors and dressmakers</li> <li>Bartenders</li> <li>Financial sales representatives</li> </ul>  | <ul style="list-style-type: none"> <li>Electricians</li> <li>Ironworkers</li> <li>Aircraft mechanics</li> <li>Cabinetmakers</li> </ul>   | <ul style="list-style-type: none"> <li>Trappers and hunters</li> <li>Specialized livestock workers</li> <li>Oil and gas well drillers</li> <li>Harvesting labourers</li> </ul>  | <ul style="list-style-type: none"> <li>Foreman/women in manufacturing</li> <li>Power engineers</li> </ul>   |
| <b>Computers can do most or all of these jobs.</b> | <ul style="list-style-type: none"> <li>Office coordinators and administrators</li> <li>Bank, credit, and insurance clerks</li> <li>Mail clerks and sorters</li> <li>Library assistants and clerks</li> <li>Bookkeepers</li> <li>Data entry clerks</li> <li>General office support workers</li> </ul> | <ul style="list-style-type: none"> <li>Agriculture and fish product inspectors</li> <li>Testers and inspection technicians</li> </ul>   |  | <ul style="list-style-type: none"> <li>By-law enforcement officers</li> <li>Sheriffs and bailiffs</li> </ul>  | <ul style="list-style-type: none"> <li>Sports officials and referees</li> </ul>   | <ul style="list-style-type: none"> <li>Cooks</li> <li>Food and beverage servers</li> <li>Amusement park ride attendants</li> <li>Bakers and butchers</li> <li>Food counter attendants and kitchen helpers</li> <li>Cashiers</li> <li>Gas station attendants</li> <li>Cleaners</li> </ul> | <ul style="list-style-type: none"> <li>Bricklayers</li> <li>Construction millwrights</li> <li>Boat and cable ferry operators</li> <li>Air transport ramp attendants</li> <li>Boilermakers</li> <li>Gas fitters</li> <li>Bus drivers and subway operators</li> <li>Transport truck drivers</li> </ul> | <ul style="list-style-type: none"> <li>Fishermen/women</li> <li>Fishing vessel deckhands</li> <li>General farm workers</li> <li>Mine labourers</li> <li>Logging machinery operators</li> <li>Chain saw skidder operators</li> </ul> | <ul style="list-style-type: none"> <li>Motor vehicle assemblers</li> <li>Fish and seafood plant workers</li> <li>Weavers and knitters</li> <li>Aircraft assemblers</li> <li>Furniture finishers</li> <li>Industrial butchers and meat cutters</li> <li>Woodworking machine operators</li> </ul> |

Source: C.D. Howe Institute