Chartered Professional Accountants of Canada (CPA Canada) represents the Canadian accounting profession, both nationally and internationally. Operating in the highly complex and global accounting eco-system, CPA Canada is a convener, facilitator, contributor, and disseminator of information that advances the profession. The organization works closely with the provincial, territorial and Bermudan CPA bodies to champion best practices that benefit business and society. With more than 220,000 members, CPA Canada is one of the largest national accounting bodies in the world. The organization supports the setting of accounting, auditing and assurance standards, advocates for economic and social development in the public interest, and develops leading-edge thought leadership, research, guidance, and educational programs.

About the opportunity

Working in the Evaluations & International Assessments Department, under the supervision of the Principal, this position will contribute to our end-to-end business intelligence architecture. You will undertake the responsibilities of database application development and testing, data integration, and data mining of the enterprise level of data. You will play an essential role in developing the next generation of database applications from handling rigorous data from unconnected systems to ETL processes, BI reporting, and analytics. Within the ambit of measurement and reporting, we build our in-house database applications to advance the data-driven decision-making initiatives of CPA Canada’s education programs (CFE, PDPA, CPARE, PEP, PREP and ACAF). Further, we are making the data proactive and setting the data in a new pace.

What you’ll do

In this role, responsibilities will include, but not be limited to:

Database Development

- Design features for our in-house database applications to enable back-end data collection, integration, and calculation as well as front-end reporting and analytics.
- Build, re-engineer and test high quality and efficient codes for in-house database applications and data warehouse
- Participate in all facets of the development lifecycle such as functional specification design, algorithm design, software development and quality assurance
- Revise and re-code rules to enforce data integrity and best practices
- Document development requirements

Data Analysis and Reporting

- Administer, operate, and review in-house databases to deliver accurate, timely and compelling reports and services to our customers
- Prepare the enterprise level of datasets for analysis and reporting
- Clean, map, iterate, and query demographic and academic data
- Derive and generalize formula based on established principles
- Perform large-scale data mining meticulously and persistently
What we’re looking for

The ideal candidate will have the following skills and experience:

- Bachelor of Science with a major in Computer Science and specialized courses in database development, and at least 2 years’ experience in software development or the equivalent combination of education and experience
- Academic background and knowledge in information systems, mathematics, and/or statistics would be an asset
- Solid programming skills (e.g. SQL, VBA in MS Access)
- Solid knowledge in object-oriented design
- Working knowledge in MS Access and MS Excel would be an asset
- Results and customer-oriented, with the ability to work collaboratively in a project team environment
- Proven quantitative, analytical, technical, and problem-solving skills
- Positive attitude, reliable and meticulous with unlimited desire to learn and excel
- The successful incumbent may be required to work extended hours periodically, which may include weekends.

What it’s like to work here

With a diverse workforce and a commitment to health and wellness for its employees, CPA Canada is a great place to work. The organization offers a flexible and balanced environment that allows individuals to maximize professional and personal development. CPA Canada employs over 400 people, with its headquarters in Toronto and other offices in Burnaby, Ottawa and Montreal. Our technology-enabled culture is designed to attract qualified people and enable them to do their best work. Employee perks include competitive salaries and pension, a comprehensive benefits package, professional development programs, flexible working hours and opportunities to work from home, regular social events and a highly successful employee volunteer program. In addition, CPA Canada is dedicated to continual improvement and building a high-performing, innovative organization that creates value for members and other stakeholders.

Organization values

We create a collaborative and constructive culture by:

- Acting with Integrity  •  Fostering Excellence  •  Respecting Others  •  Working Collaboratively  •  Being Accountable

CPA Canada is committed to cultivating an inclusive, accessible environment, where each employee feels respected, valued and supported. All qualified individuals may apply online. If you require a disability-related accommodation to participate in our recruitment process, please make a note of this in your application and we’ll be happy to work with you to meet your needs.