



Senior Software Developer

Job summary

Within a multi-disciplinary team (software developers, mechanical designers, etc.), the Senior Software Designer participates in the development and evolution of ballistic identification products destined to Forensic Technology laboratories. The Senior Software Designer is required to be able to develop solutions for different projects, covering several technologies.

Roles and responsibilities

- Understand business requirements and specifications; translate them in a solid and easy to implement design.
- Analyse requirements, document software designs, code features and execute unit tests.
- Complete assigned tasks in a timely manner.
- Prepare and keep technical documentation up to date.
- Provide valuable information during requirement analysis reviews and design reviews to ensure functionalities match product requirements.
- Favour knowledge sharing with his/her colleagues.
- Support coworkers from other branches in their activities on multidisciplinary projects (automatic testing, electro-mechanics, documentation, tests, support, sales and marketing...).
- Maintain technical proficiency by constant training.

Qualifications and experience

- University degree (or equivalent) in software engineering, electrical engineering or in computer science.
- 5 to 8 years of relevant experience as an application developer.
- Experience with Microsoft Visual C++, MFC, COM, STL, Multi-Threading.
- Experience with high volume Client/Server environment.
- Experience with database systems (Oracle, PostGreSQL).
- Knowledge in developing Java applications in the J2EE environment with Wildfly, Hibernate, Apache, Eclipse, JSF, Primfaces, HTML, CSS, Javascript, is an asset.
- Knowledge of OpenGL is an asset.
- Knowledge of integration and design using object oriented concepts.
- Teamwork, resourceful, rigorous, and creative and results oriented.
- Autonomous and good organizational and time management skills.
- Good understanding of the performance, reliability and flexibility characteristics for various designs and implementation choices.

- Detail oriented.
- French and English written and spoken.