



Job Title: Software Developer **Reporting To:** VP Research and Development

Location: Victoria, BC **Travel:** Limited

Vigil (part of ASSA ABLOY Global Solutions Senior Care) is dedicated to improving seniors' quality of life through creative technology. We develop, manufacture and sell sophisticated electronic locking, resident monitoring and emergency call technologies throughout North America. Ours is a fast-paced environment where hard work, initiative, teamwork and flexibility are prized, and we are looking for a like minded individual to fill a key role in our Company. We have a collaborative, open door culture based on trust where new ideas are welcome.

All employees of the Vigil, including new hires, are required to be fully vaccinated against COVID-19 unless accommodated based on a medical contraindication, religion, or another prohibited ground for discrimination as defined under the Canadian Human Rights Act and attest to their vaccination status.

If you have a strong work ethic and are looking to make a difference and feel appreciated, we would invite you to join our team.

Education/Training:

- Bachelor of Computer Science, or equivalent training and skills

Experience:

- 1-5 years in a programming role

Skills/Competencies:

Required:

- Linux and python experience
- Experience with cloud based software (Google, Azure, AWS, ...)
- Experience with programming using a recent software stack (linux, webserver, database, ...)
- Experience making and following through on commitments in a timely manner
- Ability to work independently and in a small team

Desirable:

- Experience with Django and Python
- Experience with Windows Operating Systems
- Experience with .NET C# programming

- Experience with databases (MS SQL, Postgres, Redis)
- Experience with "C", "C++", Linux, Mono, python, R, JavaScript
- Experience with machine learning and related tools such as python, pandas, psycopg2, NumPy, sklearn.
- Experience with Dart and Flutter
- Experience with Real Time applications programming, and/or firmware development
- Understanding of integration with hardware interfaces (Serial, etc.)
- User interface and user experience design
- Experience with software as a profession, including version control systems, bug tracing, quality, and process control of the above.

Responsibilities:

- Maintenance of the Vigil VEW software, including but not limited to adding functionality, bug fixing, and development of drivers to interface with hardware.
- Assist in the development of other Vigil software and/or firmware.
- Rigorous testing of the components not developed by the position (including setting up and maintaining change requests, source code configuration, version management, regression testing, black box testing, code walk-throughs and peripheral testing).
- Produce critical system and user documentation in support of development initiatives
- Third tier customer support
- Other duties as required

Authorities:

- Develop programs/applications for enhancements to current program
- Improve the security, privacy, reliability and usability of software systems